

THE TIMES Tomorrow

20 years on
The condition of America's black population two decades after Martin Luther King said: "I have a dream..."

Two weeks off
Friday page reports on what children really think of the holidays their parents choose.

Winning ways
The image that means President Reagan will win a second term in 1984.

Losing touch
Are Canada's Liberals preparing to dump Prime Minister Trudeau?

Home thoughts...
How the Leicester Building Society discovered marketing with a capital "M"...

...from abroad
The New Zealand tourists face England in the fourth Test; the European Swimming Championships in Rome.

Kidnappers kill leading protester

The owner of the Argentine magazine *Quidam*, Señor Guillermo Patrón Kelly, a leading human rights protester, was kidnapped here yesterday and later found dead, unofficial sources said. An underground group, "Free Argentina," claimed responsibility.

Way clear for nuclear sell-off

The way is clear for the privatisation of British Nuclear Fuels, according to Mr Con Allday, chairman of the state-owned nuclear waste reprocessing and fuel enrichment company, which yesterday announced a £20m profit increase to £54.6m.

Coal warning

Sir Norman Siddall has warned Mr Ian MacGregor, his successor as coal board chairman, not to risk conflict with the miners by accelerating the industry's rundown.

Turks' poll limit

Only three parties can contest the Turkish election in November, after 14 others were excluded by the military regime of President Evren.

Mayfair sale

BTR, the engineering conglomerate which took over the Thomas Tilling group two months ago, is selling Tilling's Mayfair headquarters, Crew House. It is said to want £50m.

Polish release

Mr Wladyslaw Hardek, an underground leader of Solidarity who surrendered to the Polish police, was released after being questioned.

Aquino inquiry

President Marcos of the Philippines has announced that a special commission will investigate the assassination of Benigno Aquino, the opposition leader shot dead.

Scientific talks

The meetings of the British Association for the Advancement of Science are reported on page 4.

Essex prosper

Centuries by Goech and McEwan put Essex in a commanding position against Worcester-shire in the county championship yesterday. Report, page 18.

Leader page 11

Letters: On the Soviet challenge, from Dr George Ignatieff, and Mr Brian Thomas, youth training, from Mr Paul Lewis; Dartmoor spraying, from Lady Saver.

Leading articles: Detention under Mental Health Acts; Soviet-US grain deal; Convertible cars

Features, pages 8, 10

The poverty lobby looks for more public money; Russia's eternal queue; an MP campaigns against cant; Spectrum: Profile of Sir Bernard Lovell

Books, page 9

The latest children's books from picture books to novels for young people, and from humour to computer books, reviewed by Brian Alderson, our children's books editor, and his team of reviewers

Obituaries, page 12
Mr P R C Elliott

Home News	2-4	Diary	10
Overseas	5-7	Events	24
Archaeology	12	Science	12
Arts	13	Sport	15-20
Business	14-17	TV & Radio	23
Church	12	Theatres, etc.	21
Court	12	Weather	24
Crossword	24	Wills	12

Rush for A-plates brings record August car sales

By Edward Townsend, Industrial Correspondent

The fiercest price war ever experienced in the British car market has led to sales in the first two-thirds of this month reaching a record 304,000 — well in excess of the total for the whole of August last year.

Sales for the month, boosted by the introduction of the "A" prefix registration plate and an estimated £50m in dealer incentives, are on target to break through the 350,000 mark, much higher than the most optimistic manufacturers were predicting a few months ago.

British car workers — and the Government — can also take heart from a significant drop in imports in the first 20 days of August and a startling 11 per cent fall in the market share captured by cars produced elsewhere in the European Community compared to the same period last year.

The danger for the industry is that the August boom may be

sucking in sales from the rest of the year and as a result the Society of Motor Manufacturers and Traders continues to be cautious about increasing its 1983 forecast of 1.7m sales, still lower than the previous annual record 1.72m of 1979.

The 20-day figure of 303,943 is 21.2 per cent higher than the same period a year ago. Cars made in Britain captured 82.78 per cent while imports, which were running at nearly 60 per cent in August 1982, have been cut back to 57.22 per cent. The Japanese share remained relatively depressed at 10.55 per cent.

The number of cars in the 20-day figure originating from within the EEC was 119,814, giving a share of 39.42 per cent against 50.41 per cent a year ago. This includes cars from the European factories of Ford and General Motors.

Ford took 30.1 per cent of the 20-day market followed by BL

with 19.1 per cent, and Vauxhall/Opel with 14.4 per cent. The continued success of Vauxhall, and in particular its Cavalier and Astra models, has given the company the prospect of achieving its goal of a 16 per cent market share two years earlier than planned, a spokesman said yesterday.

Vauxhall has sold 182,911 cars so far this year, 1,450 more than in the whole of 1982. Now it believes it will sell 250,000 in 1983, giving a market share of 15.5 per cent.

BL announced last night that it was raising the prices of most Austin Rover cars by 4.5 per cent from midnight on Sunday. The move, which follows Ford's decision to impose a 4.9 per cent rise from August 15, reflects manufacturers' growing unease at the impact on their finances of the cut-throat competition among dealers. Neither increase, however, will affect cars already in the showrooms.

Lowest exports this year put Britain in the red

By Peter Wilson-Smith, Banking Correspondent

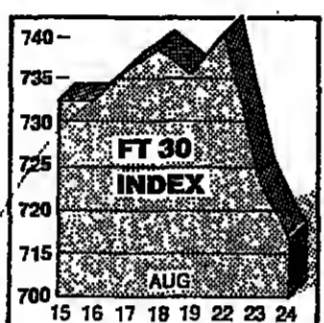
A sharp drop in exports to the lowest level since January pushed Britain's balance of payments unexpectedly into the red last month.

The fall in exports is bound to alarm the Government. With the consumer boom already showing signs of levelling off, ministers have been pinning their hopes on export-led growth to keep the economy moving ahead.

Officials said yesterday that it was too soon to judge whether the trend in exports was downwards this year. But the department of Trade and Industry conceded that the volume of exports in the last three months was 3 per cent lower than the preceding three months.

Combined with a relatively modest rise in imports last month, the fall in exports left Britain's visible trade in deficit by £350m last month, compared with a revised surplus of £162m the previous month.

Including the estimated surplus of £250m on invisible trade, such as shipping and banking, the current account showed a deficit of £100m last month. That was about £250m worse than market expectations



and marks a £512m turnaround from the revised June surplus. The Government's Budget forecast of a £1,500m balance of payments surplus this year is beginning to look increasingly remote, although the Treasury said that the £478m surplus so far this year was only slightly lower than that implied by the Budget prediction.

The poor trade figures added to the pound's woes on the foreign exchange markets yesterday. Sterling lost 1 cent against the dollar to \$1.5190 and eased against continental currencies. Its trade-weighted value fell by 0.1 to 85.6.

On the stock market, shares fell again because of worries about public spending problems and the gloomy forecast for the economy from the National Institute of Economic and

Social Research. The index of the top shares fell 7.4 to 716.6 for a two-day fall of 23.8. The poor July trade figures were affected by a lower surplus on oil trade and erratic items such as precious stones and aircraft.

Imports of £15,300m in the latest three months were 1.5 per cent higher in volume than the three months before, but the Department of Trade and Industry said the underlying level was stable after the sharp rise early in the year.

However, the trend in exports is more worrying, the fall of 7.5 per cent to £4,730m last month was broadly-based, reflecting lower exports of semi-chemicals and goods other than chemicals, and lower oil and capital goods deliveries. One hint of bright news for the Government was a prediction from Royal Bank of Scotland that it was heading for an unexpected £1,000m, windfall from the North Sea.

Royal Bank said this year's Budget forecast of £8,000m in North Sea oil revenues was well short of the mark and the Government could now expect at least £9,000m.

Market Report, page 14
City Editor, page 15

Aviemore Centre for sale by Fraser

By Philip Robinson

The Aviemore Centre, Scotland's best known skiing resort, is for sale. The asking price is thought to be more than £3m.

The owner, the stores group, House of Fraser, which also owns Harrods, said last night that it was for sale as part of a major group review of assets.

Aviemore, the company said, was not profitable enough. A Fraser spokesman added: "It has suffered the same fate as many other leisure places. But there is no question of our closing the centre. We have received some interested inquiries."

At the same time, Professor Roland Smith has rejected a 60 per cent pay rise and the House of Fraser, But, it was announced last night, he will remain chairman on a part-time basis at £50,000 a year.

The two-year contract he has rejected, would have included £80,000 a year pay, a pension scheme share option rights, a car, a chauffeur and a house in London. It was fiercely opposed by Lornho, Fraser's biggest shareholder which has two representatives on the Fraser

board. The two sides have been locked in battle over whether to float off Harrods as a separate company.

Aviemore was opened in 1964 at a cost of £2.7m and was the idea of the late Lord Fraser of Allander, founder of the stores group and father of the Glasgow businessman, Sir Hugh Fraser, who was once chairman of his father's empire.

But Mr Ian Henderson, a spokesman for the centre said, "We have had a superb summer following the best winter season for three years and the centre is bursting at the seams," he said.

Mr Paul Spicer, a Lornho director, said: "The sale comes as a complete surprise to me. They seem to be selling everything, it's appalling."

Professor Smith was appointed as Fraser chairman in an attempt to stave off a takeover bid from Lornho. Its £220m offer two years ago was vetoed by the Monopolies Commission, after which Lornho promised the Government it would not increase its influence over the company.

The date the dinosaur died leads to sharp words

From Pearce Wright, British Association, Brighton

Almost every theory about the cause of the extinction of the dinosaur took a tumble yesterday when two of Britain's acknowledged authorities joined forces to rebut the 40 or so different hypotheses that claim to account for their disappearance.

In a joint attack, Dr Alan Charing, the dinosaur curator of the Natural History Museum in London, and Dr Beverley Halstead of the Departments of Geology and Zoology at Reading University, criticized "pseudo-experts who looked for immortality by trying to provide a simplistic explanation of what happened to the dinosaurs".

The presented evidence that

dinosaurs were alive and well at least 750,000 years after the various theories would have killed them off. The dinosaurs were not destroyed by the impact on the Earth 64 million years ago of a 15km wide asteroid, which was said to have caused dramatic changes in the climate.

They were not extinguished, according to Dr Charing and Dr Halstead, as another theory suggests, because the species suffered an epidemic of cataracts of the eye caused by an increase in the solar radiation or by a burst of radioactivity from the formation of a star.

Advocates of the various propositions who came under the lash of Dr Charing and Dr Halstead were not journalists or laymen speculating on a subject in which they were out of their depth, but were physicists, climatologists, chemists and other scientists who, in Dr Halstead's view, "seem to believe that only their discipline of science can provide the answer".

Dr Charing says the issue turns on whether or not the extinction was sudden, or an event which happened within 10,000 years. Their rejection of each theory had a rigorous analytical basis. For example, the idea of the asteroid impact, which created a dust veil in the atmosphere around the entire Earth, is based on the existence of an unusual level of iridium (rare in normal samples of the



Street riot: A Pakistani policeman firing tear gas grenades at stone-throwing demonstrators in the Chakiwara district of Karachi.

Terror in the streets of Pakistan

From Michael Hamlyn, Karachi

With tears running down her cheeks from the effect of a riot gas shell going off in her back yard, a grey-haired woman in pale blue *shalwar* and *kameez* — the Pakistani national dress of baggy trousers and long shirt — took off her sari and walloped a policeman on the shoulder with it.

He seemed to be four times her size, twice as tall and twice as broad, and he shrugged her off. Other women in her family wailed and shouted. A young girl sobbed and showed off bloodstains on her flowered *kameez*.

A few minutes earlier the young woman had been prominent among a group of teenagers standing on the roof of the house throwing stones at the police in the street below.

Now they were all protesting the brutality of the grey-shirted police, who had rushed the house and dragged the young people out to put a stop to the stone-throwing.

The incident was sparked off by the arrest of the man of the house, a former minister in the provincial government of Sind, Mr Ali Ahmed Sumro.

He attempted to lead off a procession calling for an end to the martial law regime of General Zia ul-Haq.

He was hurriedly dumped into the back of a police pick-up, where he was set upon by a number of plain clothes police. He was shouting the while: "Down with Zia, down with Zia."

The area is in the Lyssi district of Karachi and is a stronghold of the Pakistan People's Party, to which the former Prime Minister, Mr Bhutto, belonged, and Mr Sumro's arrest was the signal a great many people hanging around on street corners had been waiting for.

They picked up missiles from the crumbling surface of Kalri Road, and lobbed them at police. The police replied by throwing them back, and following up with tear gas.

The riot then followed the same pattern as a similar riot the day before in the Chakiwara district: a few streets away, a game of hide and seek in the alleys and by-ways of the district ended with further arrests. Soon after dark both sides went home to supper.

The official death toll in Sind province yesterday was given as 21. Altogether, according to a government spokesman, 1,219 people have been arrested since the troubles began on Independence Day, August 14.

Elsewhere in the province small handbills of men courted arrest on the tenth day of the campaign of civil disobedience called by the outlawed eight-party Movement for the Restoration of Democracy. There were no reports of large scale violence, although two major

Continued on back page, col 6

Beith appeals for stronger Alliance

By Anthony Bevins, Political Correspondent

Mr Alan Beith, the Liberal Chief Whip, reacted to party infighting with a public assurance last night that party activists would "exercise the self-discipline which is needed to demonstrate that we are potentially the next Government".

But his statement, made on Channel 4's *News Comment*, was bound to be taken as an appeal for peace at the party's Conference, which starts on September 19.

Liberal and Social Democratic Party leaders are increasingly concerned that Liberal activists will erode Alliance credibility, built up at the general election with continued battles over policy and tactics.

Mr David Steel, the Liberal leader, has let it be known that he would resign if the party assembly voted to take away his right of veto over the contents of the general election manifesto, and he has shown marked impatience with MPs and others who have criticized his management of the election campaign.

Mr Beith made his indirect appeal for unity when he said: "The voters are expecting a lot of us."

He said that Labour had excluded itself from the essential task of opposition to the Conservative Government by internal wrangling and total commitment to policies which would always be rejected by the voters.

The forthcoming party conference session would show that while the Conservatives believed in the careful concealment of dissent, Labour would have plenty of free discussion without free decision. "The decisions are taken by the block-botes of the trade unions wielded in the name of millions by the few."

Mr Beith then added: "I am confident that when Liberals gather to plan the presentation of our ideas during the course of this Parliament, the end result will be a determination to continue and strengthen the immensely successful partnership of Liberals and Social Democrats; to bring to the partnership, quite openly, the distinctive political traditions from which we have come to shared conclusions about how best to serve Britain's needs."

He concluded: "That is what many thousands of active Liberal and SNP supporters in the country are ready and willing to do."

The latest edition of *Liberal News*, published yesterday, carried an article by a party member which said: "The Alliance has effectively changed places with the Labour Party. It is the latter who are now plagued by lost deposits and third places."

"It is ironic then that we are showing all the symptoms of catching the Labour Disease of excessive internal feuding."

Yachtsman knocked out by collision

By Rupert Morris

Mr Robin Knox-Johnston, aged 44, the former round-the-world yachtsman, was recovering yesterday from being knocked unconscious and having his racing catamaran badly damaged in a collision off the Spanish coast.

He and his wife Sue, who was taking part with him in a two-handed round-trip race between Plymouth and Vilamoura, Portugal, were rescued by a Spanish fishing boat.

Both were said to be in good health, and Mr Knox-Johnston spent much of the day attending to his damaged boat in the port of Coruna, near Coruna.

He said last night that he had felt the "tremendous blow", which he thought would turn the boat over. Then he was unconscious for between five and ten minutes. When he recovered they tried in vain to repair the mast and block holes in the bows.

"Eventually the bows went under the water and the boat became unsteerable. I got very worried", he said.

Continued on back page, col 6

Hattersley tipped for knife-edge victory

By Our Political Correspondent

Labour's deputy leadership contest, which is expected to end with a run-off between Mr Roy Hattersley and Mr Michael Meacher, could result in a "knife-edge" victory for Mr Hattersley, according to the latest issue of the *New Statesman*, published today.

An analysis by the Socialist Weekly concludes: "The deputy leadership election in October could be as close as 1981, when Denis Healey beat Tony Benn by less than 1 per cent."

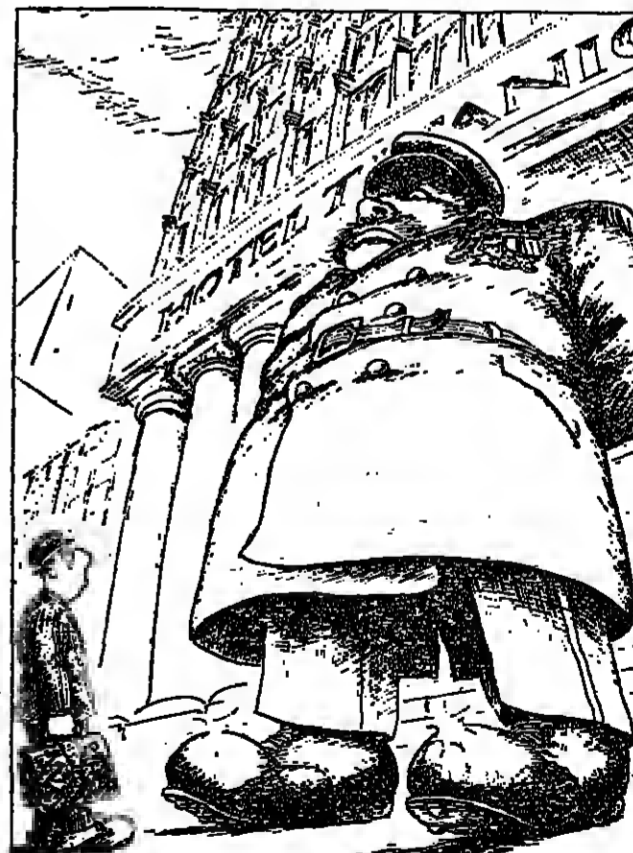
But whereas a recent survey by *The Sunday Times* suggested Mr Meacher could beat Mr Hattersley by 11.6 per cent, the

New Statesman produces a "best guess" of a Meacher defeat by a slender 3.2 per cent margin.

Last night Mr Meacher said he regarded both surveys as "absurdly spurious" because some large unions and many constituency parties were balloting members.

He did, however comment on the *New Statesman* result: "That's a knife-edge. My best estimate is that the result will be between 40 per cent and 60 per cent — either way."

Interest is turning to the deputy leadership contest he



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Sculpture blaze man dies

The man injured in the fire which destroyed the controversial tyre sculpture of Polaris died yesterday in the burns unit of Queen Mary's Hospital, Roehampton.

Mr James Gore-Graham, aged 37, suffered 90 per cent burns in the fire outside the Festival Hall in London on Sunday.

Mr Gore-Graham, a furniture designer, of Colet Gardens, west Kensington, had been on the critical list since the fire. Police wanted to interview him, but could not do so because of the seriousness of his injuries.

The 170 ft submarine, made of 6,000 used tyres by Mr David Mach, was badly damaged. It has been decided not to restore it.

Labour will lose city £1.6m

Labour-controlled Liverpool City Council was accused yesterday by Liberal members of planning to cut more than £400,000 from social services to build more houses - even though 1,000 council properties are empty.

Liberals say that the Economic Development Committee has agreed to abandon plans to build a family care centre, a nursery and a adult training workshop for the mentally handicapped, which could lose the city £1.6m in government grant.

£6.7m target for left-wing paper

Trade union leaders yesterday agreed to seek the approval of Britain's labour movement next month for their campaign to start up a new daily newspaper of the left. They want to establish a high level committee to raise £6.7m for a successor to the defunct *Daily Herald*.

The committee would call on external financing as well as the labour movement's own reserves to start up a "quality tabloid" to offer an alternative to Fleet Street journals.

Police hunt for killers

More than fifty detectives are hunting a gang of muggers who killed one man and left another critically injured. The dead man was found in bushes in the Townhead district of Glasgow on Monday. He has not been identified.

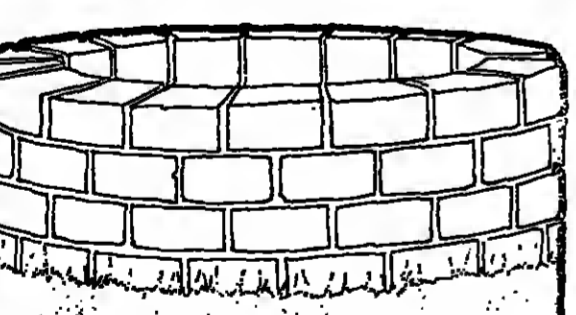
Mr William Coulter, aged 44, from Barmulock, Glasgow, was stable in the Southern General Hospital last night. Police believe both men were attacked within minutes and within yards of each other on Saturday.

Ford spare-part prices investigated

The Office of Fair Trading finds substance in the charge. Sir Gordon will hand over the case to the Monopolies and Mergers Commission for a more detailed examination.

If this investigation went against Ford it could mean other body panel suppliers moving more freely into the market. That could be expected to bring down trade prices.

The OFT investigation was prompted by complaints from United Kingdom body panel manufacturers, including Salop Tool and Fixtures of Oswestry, and a motor trader, Factoring Services Group, of Bingley, West Yorkshire. Salop is one of ten makers against which Ford is taking legal action on alleged counterfeiting, with Ford acting on the basis that its copyrights and registered designs are being infringed.



Scots seek to lure US plant

A United States electronics firm seeking to expand into Europe is considering opening a factory in Scotland after a big purchase of its shares by the Scottish Development Agency.

International Microelectronic Products (IMP) of San Jose, California, is drawing up proposals for a £60m development which will create up to 1,500 jobs by the end of the decade.

IMP, which makes integrated circuits, has had talks with the Livingstone Development Agency with a view to siting its factory in the new town. A final decision is expected early next year.

The Scottish Development Agency bought half a million preference shares in the company last December. Its investment totalled £620,000, but that has now doubled and it is expected to make a profit of millions of pounds.

A spokesman said yesterday: "Making a profit was out our aim, but obviously we are not disappointed. This is a fast-growing firm and we invested in it with a view to encouraging it to Scotland."

There are already six semiconductor manufacturers in Scotland, but IMP's plans to build custom circuits would be an important and highly advanced addition to Scotland's growing electronics industry.

A government-backed scheme taking unemployed Scottish school-leavers into computer training was launched yesterday.

Forty young people have been taken on by a Glasgow computer firm, Microcom, which will provide the one-year course in operating microcomputers. A spokesman said businesses in Scotland desperately needed micro-computer operators, and predicted the course could eventually turn out 400 "graduates" each year.

Scots seek to lure US plant

Injuries caused by police bullets which killed a girl being used as a shield by a gunman also caused the death of her unborn child, a Birmingham inquest was told yesterday.

Dr Richard Whittington, the Birmingham coroner, told the jury that it could not bring in a verdict that the baby was unlawfully killed because technically the child had not lived. Its verdict had to be that the baby was stillborn.

The mother, Gail Kinchin, was aged 16 when she was admitted to hospital after the shooting in June 1980. The baby was dead and the mother died a month later, aged 17.

She had been hit by three bullets when her boyfriend, David Pagett, who was 31, used her as a "shield" in the exchange of shots with the Police at a block of flats at Rubery, Birmingham. Pagett was jailed for 12 years after being convicted of her manslaughter and the attempted murder of three people, including two police officers.

It was duck who police marksmen returned Pagett's fire and at his trial, she said that they did not know the girl was being used as a shield.

Dr James Burns, senior lecturer in pathology at Liverpool University, said yesterday that there was a bullet injury to the placenta. He read a surgeon's report stating that there were two bullet holes.

Scots seek to lure US plant

Island for sale: The 50-acre island of Jethou, three miles from Guernsey, is to be sold. It is the third private Channel island to come on the market in the past two months.

The lease of the island, which is Crown property, is being put up for sale by Lady Hayward, widow of the millionaire Sir Charles Hayward, who died in February. Offers of half a million pounds upwards are being invited.

The Haywards, who bought the lease in 1971, carried out extensive improvements to the early nineteenth century house (above).

Jethou's best known tenant was the author Sir Compton Mackenzie, who lived there from 1923 to 1930.

Outgoing NCB chief warns against conflict with miners over too-rapid rundown

Sir Norman Siddall, the National Coal Board's outgoing chairman, has warned his successor, Mr Ian MacGregor, not to risk a conflict with the miners by running down the industry too rapidly.

In a videotaped interview with *The Times* last night, he urged a continuation of the board's "softly softly" approach, which has reduced the industry's manpower by 10,000 this year as the management works towards a shutdown of 25 million tonnes of uneconomic capacity.

"I would say that to return the industry to profitability within three years is a fairly massive task", he said in his last week at the helm of Britain's highest state industry.

Mr MacGregor, the British Steel Corporation chairman, has been appointed head of the coal industry until 1986 in a move popularly expected to herald widespread pit closures and radical reforms in the way the industry is run. He has had three informal sessions of talks with senior NCB people.

Sir Norman said last night: "I do not think he is the sort of man that would make a facile assumption that he can import his strategy from BSC to coal mining. The situation of the two industries is entirely different."

He discounted the prospect of an early strike against Mr MacGregor. He said: "There has got to be quite a combination of factors put together to get an all-out strike in the coal industry. Very often in that situation it might be something quite unexpected that coalesces the workforce."

The trigger could come from NCB moves to break up national bargaining with the National Union of Mineworkers, whose claim for substantial increases will be formally submitted in a month.

"To go further with local bargaining than we have done at present might be the one thing that would coalesce the workforce", Sir Norman said.

The miners meet the NCB to hear their answer to a "substantial" claim on September 27 and the union fears Mr MacGregor will try to bring to the coal industry his successful strategy at British Steel of abolishing the annual national wage round in favour of local productivity-based negotiations.

NCB managers recognize that, although a typical collier these days is a car-owning, mortgage-paying professional, he could still be moved to strike by a government inspired campaign to replace national

pay bargaining with local negotiations related to higher output.

Sir Norman said: "In spite of the fact that the workforce has changed considerably, the great protection they have is the national basic wage." Its removal would cause a crisis - particularly if it was lumped together with other management demands.

A full frontal attack based on wages and pit closures could go horribly wrong, Sir Norman believes.

"One of the difficulties about having a strike in the industry is that they are very good at it", he admitted. "It would be about all the rest and Arthur Scargill would be able to bring out all his anti-Tebbit political ideas and see things another way."

The outcome of such a strike would depend entirely on the resolution of our political masters and what the conclusion is likely to be."

Sir Norman has privately argued against the Cabinet picking a strike with the miners just for a show of strength and believes it will not happen during the MacGregor reign.

But he adds: "That does not mean to say it is not true. But you cannot starve people out in a strike."

Strike halts work on destroyer

Work on the new Royal Navy destroyer came to a standstill yesterday when Tyne-side shipyard workers walked out in protest at continuing job losses in their industry.

About 270 semi-skilled men at Swan Hunter's Neptune yard at Walker, Newcastle upon Tyne downed tools over the latest wave of job losses, which they say have left them overworked. The strike spread quickly to 1,400 craftsmen who refused to work normally and later walked out after being told they would not be paid.

Work halted at the yard, where the Navy's latest Type-42 destroyer, the *York*, is being fitted out. Work on a merchant ship and a cable vessel was also stopped.

Swan Hunter management said later that the men had ignored grievance procedures by walking out without notice.

Swan has sought 510 redundancies in the first phase of British Shipbuilders' threatened programme of 9,000 redundancies nationwide. The Tyne-side yard has almost 900 volunteers for redundancy and 450 left last week. About 100 went from the Neptune yard and complaints began when the remaining workers reported for work on Monday.

Mr Denis Shadbolt, Swan's director of personnel and industrial relations, said: "Where we have reduced we have got to make up the shortfall by greater efficiency. The number of employees is out of balance for cogeneration."

The dispute could not have come at a more critical time for Swan Hunter. The company is in the running for at least one of two destroyer orders expected to be announced later this year.

British Shipbuilders will be watching to see whether the dispute spreads to other yards. The strikers, meanwhile, will meet this morning to decide their next move.

Strikers at the Highland Fabricators oil platform yard at Nigg on the Cromarty Firth plan a mass picket on Monday, when the management hopes to resume work.

All but 400 of the 2,000 workers dismissed last week have been offered reinstatement; the unions want everyone taken back. The trouble broke out over the withdrawal of the orange juice for working in hot conditions, but the unions have accused the management of using the dispute to cut its workforce.

The Redfearn National glassworks in York, which lost £1m in the first half of this year, is to close in December, with the loss of 225 jobs. Production will be concentrated on the company's other plants at Barnsley.



Good temperament of the £7m colt

The most expensive yearling in the world (above with stable lad) is showing no signs of a temperament to match his £7m price tag as he settles in to stables in Sussex, his trainer, Mr John Dunlop, said yesterday.

The chestnut colt, sired by Northern Dancer out of American mare My Bupars, was bought by an Arab oil millionaire Sheikh Mohammed Al-Maktoum, of Dubai, at the Keeneland sales in Kentucky last month. He arrived at Mr Dunlop's Arundel

stables last Thursday and has started his training programme by being exercised in a paddock. Although he has not been officially named, he is called "Dancer" by stable staff.

Mr Dunlop said: "The colt has really pleased everybody with his temperament. He will go no special treatment."

No special security arrangements have been made for the colt. "It has always been alright," he said.

Asbestos products to go in 5 years

The manufacture of asbestos products is likely to disappear in Britain over the next five years as a result of stricter controls, industry sources said yesterday.

But workers removing or dealing with asbestos already in buildings face a health hazard for decades from the substance which is now widely recognized as a carcinogenic agent.

The decision on Tuesday by the Health and Safety Commission to recommend tighter controls on the use and importation of asbestos was generally welcomed yesterday, although pressure groups said it did not go far enough and called for a complete ban.

Mr Harrie Hardie, a director at Turner & Newall, the country's leading manufacturer of asbestos products, said he expected most asbestos products to be replaced within five years, with the possible exception of brake linings and high

technology space programme products.

He added that the new restrictions, which will not come into force for another year, were already being implemented in most workplaces, although the company would have difficulty in reducing the amount of asbestos in the air in textile manufacture.

A spokesman for the Asbestos Information Centre, which represents the industry, said that about £40m had been spent on research into alternatives to asbestos and that British regulations were twice as stringent as those in Europe.

Professor Donald Acheson, who is shortly to become the Government's chief medical officer, said the new controls were reasonable.

He thought that the risks of disease caused by exposure to asbestos had been greatly reduced by the tighter controls.

Bomb link with Angry Brigade

The police were last night almost certain that the Angry Brigade was responsible for the bombing last Saturday night of the American Express office in the City of London.

They were convinced by details of the composition of the device, which damaged windows of the office in Cannon Street, given in a letter received by the Press Association yesterday.

Det Insp Tony Davies, who is leading the hunt for the bombers, said the details "were very similar to the description of the device but I am not in a position to say whether they are identical."

"However, I am satisfied that whoever sent the letter was responsible for planting the device and I have no reason to think otherwise than it is the Angry Brigade."

The message on the letter, printed in uneven block capitals, was signed "Captain Scarlet, Angry Brigade." The envelope carried a London postmark apparently SW1, and was posted first class at 7.15 pm on Tuesday. As well as giving details of the bomb it bore a postscript: "PS We don't drive Range Rovers."

This is probably a reference to a police appeal for the driver of a Range-Rover or similar vehicle seen near the scene to come forward. The driver has already been seen by the police and eliminated from their inquiries.

There have been three other bombings within the last year for which the Angry Brigade has claimed responsibility.

A Department of Health and Social Security office in Manchester was damaged last September. Two months later the group claimed responsibility for an explosion outside a prison officers' training college in Wakefield West Yorkshire, and in January a parcel bomb was delivered to the Yorkshire area Conservative Party.

Those incidents were the first time since early 1970s that the Angry Brigade had been active. The original Angry Brigade was a revolutionary anarchist group which carried out a series of bombings between 1968 and 1971.

Mr Francis Hardie, a director at Turner & Newall, the country's leading manufacturer of asbestos products, said he expected most asbestos products to be replaced within five years, with the possible exception of brake linings and high technology space programme products.

He added that the new restrictions, which will not come into force for another year, were already being implemented in most workplaces, although the company would have difficulty in reducing the amount of asbestos in the air in textile manufacture.

A spokesman for the Asbestos Information Centre, which represents the industry, said that about £40m had been spent on research into alternatives to asbestos and that British regulations were twice as stringent as those in Europe.

Professor Donald Acheson, who is shortly to become the Government's chief medical officer, said the new controls were reasonable.

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Stillborn verdict on baby of Gail Kinchin

Injuries caused by police bullets which killed a girl being used as a shield by a gunman also caused the death of her unborn child, a Birmingham inquest was told yesterday.

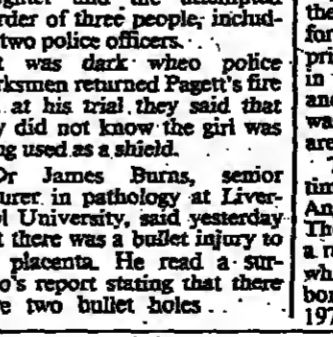
Dr Richard Whittington, the Birmingham coroner, told the jury that it could not bring in a verdict that the baby was unlawfully killed because technically the child had not lived. Its verdict had to be that the baby was stillborn.

The mother, Gail Kinchin, was aged 16 when she was admitted to hospital after the shooting in June 1980. The baby was dead and the mother died a month later, aged 17.

She had been hit by three bullets when her boyfriend, David Pagett, who was 31, used her as a "shield" in the exchange of shots with the Police at a block of flats at Rubery, Birmingham. Pagett was jailed for 12 years after being convicted of her manslaughter and the attempted murder of three people, including two police officers.

It was duck who police marksmen returned Pagett's fire and at his trial, she said that they did not know the girl was being used as a shield.

Dr James Burns, senior lecturer in pathology at Liverpool University, said yesterday that there was a bullet injury to the placenta. He read a surgeon's report stating that there were two bullet holes.



Gail Kinchin: Hit by three bullets.

Drive to coax companies into the Third World

The Government is to run an advertising campaign encouraging British companies to invest in factories in developing countries.

Trade unions argue that such investments are only "exporting jobs". But the Department of Trade and Industry is known to be concerned about a serious lack of foreign investment by British firms against major competitors.

Studies have shown that a manufacturing or assembly plant in the Third World is a significant stimulator of direct exports of goods, especially components, from the parent country.

The advertisements will emphasize that the cost of government-provided insurance - giving cover against such things as nationalization, war

damage, loss of plant because of revolution and insurrection, and restriction on profit-remittances - are being reduced.

A flat premium under the Overseas Investment Insurance scheme - of 1 per cent a year of the initial sum invested, plus 0.26 per cent of anything subsequently invested from profits - will be replaced by a cheaper variable rate system.

According to underwriters' assessments of particular markets, it is almost certain to become an all-inclusive 0.7 to 1 per cent premium.

This will be a good incentive to industrialists given that the maximum liability of the Export Credits Guarantee Department, which runs the scheme, currently stands at £125m.

RUC seeks wife of most wanted man

Detectives in Northern Ireland want to question the wife of Dominic McGlinchey, Ireland's most wanted man, in connection with the murder of police constable at a security checkpoint in Co Tyrone last May.

The Royal Ulster Constabulary also believes that Mrs Mary McGlinchey, a mother of two in her mid-twenties, may be able to help them identify the masked woman who fired a volley of shots over the coffin of Gerard Mallon last week.

Mallon, an Irish National Liberation Army gunman, died in an ambush that went wrong at Dungannon, Co Tyrone, earlier this month and McGlinchey, aged 29, sent a wreath to his "comrade's" funeral.

Mrs McGlinchey comes from a staunchly republican family Toome, south Londonderry, and married her husband eight years ago. The police believe that she is living in the Irish Republic.

McGlinchey, known as the "Mad Dog", operated as a Provisional IRA unit led by Francis Hughes, a dead hunger striker, before he joined the INLA. He is believed to organize its activities in border areas.

Police constable Colin Carson, died in Coolstown, Co Tyrone, when someone in a van opened fire on a security checkpoint outside the town's police station. The abandoned vehicle was later found with women's clothing inside.

More family pressure was exerted on the informer Kirkpatrick yesterday in an attempt to persuade him to retract statements implicating 18 people in terrorist activities and ensure the safe release of his wife, Elizabeth, who is being held by the INLA.

Her father, Mr Henry Meenan, from Ballymurphy, west Belfast, said: "It's all up to him now when his wife returns safe and sound. I appeal to him on behalf of me and her mother to change his mind and let his wife get home to us right away."

Mr Meenan's appeal follows similar statements from Kirkpatrick's mother, father and stepfather.

His pleas have increased since his stepfather and half-sister were freed by the police from INLA captivity last week. The INLA lifted the "execution" deadline on his wife so that he could have more time to decide what action to take.

In Londonderry the IRA last night claimed responsibility for the murder of a Protestant businessman, aged 50, who was shot dead yesterday at his city centre office in what the police believe may have been an attempted armed robbery.

Sun loses appeal over Hindley

The *Sun* newspaper failed yesterday in its attempt to have lifted the ban on publishing extracts of a statement made in support of an application for parole by Myra Hindley, who was jailed for life in 1966 for her part in the moors murders.

Two judges in the Court of Appeal dismissed the application by News Group Newspapers, the publishers against the High Court ban, won on Tuesday by Hindley who claimed breach of her copyright and confidence.

Justice Griffiths said that he could think of nothing more damaging to the parole system than for prisoners to fear that their private statements would be leaked to the press.

Lord Justice Kerr said that it was a "plain case of a flagrant infringement of copyright", unless *The Sun* could prove it was a so-called "fair dealing" of the confidential documents. That would be a matter for the full trial of Hindley's copyright action against *The Sun*, the judge.

The judges ordered that the publicity ban, originally ordered to apply until Friday, must now run until the main trial of Hindley's action, which might not be for several weeks.

During the hearing, Mr Leonard Hoffman QC, for *The Sun*, conceded that Hindley held the copyright in her 22,000-word statement which was written in 1978. But he said that the paper was entitled to publish the statement as part of its "fair dealings" of a criticism of a literary work. The statement was and relevant to current events.

Sun loses appeal over Hindley

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Police hunting men who assaulted boy lack vital computer software

Sussex police hunting for the three men who sexually assaulted a six-year-old boy in Brighton are having to sift through thousands of filing cards by hand because they do not have the right software to do it by computer.

The Sussex force has one of the most advanced computer systems in the country, but it does not have the programs needed for cross-referencing the information from the 300 telephone calls a day which it is receiving.

Details are being stored on filing cards in metal trays. A police spokesman said yesterday: "We have got a paper mountain of information in there but we have not got the software package and program that will run this sort of incident."

The police yesterday rejected suggestions that their inquiries are being hindered. Det Chief Insp Peter Whitehouse, who is heading the investigation, praised the cooperation of the press, the public and other police forces. "I am absolutely confident that we are going to catch them. I am convinced that somewhere in the system is information which is going to lead us to these three men," he said.

Criticism that failure to use computers to collate information is a considerable flaw in police handling of big incidents was made recently in a report by the Chief Inspector of Constabulary into the West Yorkshire police's handling of

the "Yorkshire Ripper" case. Although there have been a number of initiatives designed to speed up the use of computers, the only active use in cases like that in Brighton has been in a pilot study carried out in Essex. Known as Major Incident Room Index and Action Management (Miriam), it is aimed at the sort of incident now being handled in Brighton.

Mr Whitehouse said that although computerization of the inquiry had been considered, "with about 2,500 telephone messages logged... it is going to take an awful lot of time to put them on the computer."

The police said that even if a computer retrieval system were available, it would have to be run in tandem with the present manual system.

The Home Office is monitoring the progress of the Brighton inquiry, which is believed to be the biggest in the Sussex force's history. Fifty officers on the case have followed up 900 of the calls so far received, referred another 100 to other forces and discarded about 1,500.

The police yesterday made a new appeal to two men aged between 50 and 60 seen talking to the assaulted boy and his twin brother shortly before he was abducted 12 days ago. The men, who are thought to live locally, are being asked to come forward as material witnesses.

Tape recordings of an anonymous telephone caller with a northern accent, who said that he was homosexual and knew

one of the attackers but was terrified to come forward, are being sent to police forces in the north of England.

The fact that the man has not come forward, despite repeated appeals, has led officers in charge of the investigation to conclude that he may have been a hoaxer.

Interpol have so far failed to identify a brown car with German number plates seen near where the boy was kidnapped. A couple heard "screams of fear" from the open ground pinpointed as the likely scene of the attack on the boy but did not notify police until four days later, it was disclosed yesterday.

The couple, who have declined to be named, live next to Beacon Hill, the area of open downland used by joggers and horse riders, and where a t-shirt thought to belong to the boy was spotted.

The police said that they heard the screams at about 9.30pm on the evening of the attack. The wife looked out of a window and saw several people and a child walking along a footpath further up the hill.

Mr Leon Brittan, the Home Secretary, has asked for a report from the Metropolitan Police on the activities of the Paedophile Information Exchange before considering demands that he ban the organisation.

The report will be separate from the files submitted to the Director of Public Prosecutions which involve consideration of the prosecution of individuals.

Only eight per cent of the 509 children aged between eight and 12 interviewed wanted to go on holiday in Britain. The favourite spot was North America, which won the approval of half the children.

But there were reservations about foreign food. Fish and chips, ice cream and hamburgers were the favourite foods of nine out of ten.

Perhaps its time parents questioned the time-honoured theory that young children are not "ready" for a holiday abroad, and are happier with what they know, Thomas Cooks marketing director, Mr Andrew Barrett, said.

Surfing along on the crest of a wave



Making waves: A competitor in the biggest surfing event in Europe, the Foster's Draught EuroPro, which began at Fistral Beach, Newquay, Cornwall, on Tuesday, goes through his paces. Forty-eight leading international professionals are competing in the world-class event for \$20,000 (£13,330) prize money. The contest, which ends on Sunday, was won last year by Richard Cram, from Australia. (Photograph: Brian Harris).

Holidays in hotels most popular with children

The ideal holiday for children is a "push" hotel abroad where they can stay up late, according to a survey conducted by MORI for the travel firm, Thomas Cook, published yesterday.

It finds that children no longer want the traditional hacket and spade holiday by the seaside, self catering or camping holidays.

Only eight per cent of the 509 children aged between eight and 12 interviewed wanted to go on holiday in Britain. The favourite spot was North America, which won the approval of half the children.

But there were reservations about foreign food. Fish and chips, ice cream and hamburgers were the favourite foods of nine out of ten.

Shoplifters' treatment defended

Rejecting a suggestion that alleged shoplifters needed to be dealt with more humanely, a Home Office committee said yesterday that no evidence had emerged to suggest that innocent people were being convicted.

"We would accept that people who are sick, under stress or genuinely forgetful sometimes make mistakes when they are shopping," the committee's report said.

In 1981 the police issued 47,443 cautions in shoplifting cases while 75,833 offenders were found guilty of the offence in magistrates' and crown courts.

Shoplifting and Theft by Shop Staff - A review by the Home Office Standing Committee on Crime Prevention 1983. (Stationery Office, £2.75).

Mr Kenneth Boothby, assistant chief constable of Hampshire would be offering no evidence against a man accused of shoplifting, Judge Ian Starforth Hill said that he would be sending Mr Boothby a strongly worded letter expressing his anger that the case had been allowed to get to crown court before being dropped.

After being told that Mr Kenneth Boothby, assistant chief constable of Hampshire would be offering no evidence against a man accused of shoplifting, Judge Ian Starforth Hill said that he would be sending Mr Boothby a strongly worded letter expressing his anger that the case had been allowed to get to crown court before being dropped.

Mr Stephen Parish, for the prosecution, said that Mr Boothby had thought the case would be a waste of public money. The alleged theft involved a packet of batteries.

Open challenge by Ford

Ford is launching its first convertible European car for more than 20 years, to exploit the new popularity of open-top motoring, exemplified by the success of Volkswagen's Golf Convertible (our Motoring Correspondent writes).

The Escort Cabriolet (above) based on Europe's best-selling car, is already in production and will be shown at the Frankfurt Motor Show, opening on September 14. It will be available with 1.3, 1.6 or 105bhp fuel injection engine. Prices are yet to be decided.

The Cabriolet is being assembled by Karmann, the German specialist coach-builders who also handle the Golf Convertible, which, since its launch in 1979, has achieved the status of a "cult" car, always in short supply although costing up to £2,000 more than closed versions.

Only 20,000 Golf Convertibles are made each year. It has been sold out in Britain for nearly a month and new supplies are not expected until the end of September.

Lucan's tenant's to be sued for unpaid rent

Irish tenants of Lord Lucan who owe him or his estate an estimated £100,000 rent, unpaid since he vanished in 1974, are to be sued for the money.

Mr Michael Egan, a solicitor and agent for the Lucan family in Ireland, said that Courts, the bankers, had received permission from the High Court in London to deal with the affairs of the missing peer.

The decision means that about 1,200 householders in Castlebar, Co Mayo, may now be brought to court.

Cancer mother dies in Australia

Mrs Sheryl Skirton, who refused treatment for cancer to save her unborn child, died in Melbourne, Australia, yesterday. Mrs Skirton, aged 35, a nurse, from Whitechurch, Bristol, gave birth to a boy weighing 2lb 10oz on an aircraft at Melbourne Airport on August 8 while on her way to see her parents.

Her husband Chris, aged 38, is expected to return to his job as a sales supervisor for a soft drinks firm.

Legionnaire disease man dies

A man aged 23 who was a kidney transplant patient, has died from legionnaire's disease and three other cases of the disease have been confirmed among patients at John Radcliffe Hospital, Oxford. A fifth case is suspected.

Laboratory staff are checking the water supply at the hospital, which was opened in 1979. There was an outbreak of the disease there two years ago.

Mr John Kurtz, consultant biologist at the hospital, said he believed all the cases were isolated incidents and that the water system was not to blame. A hospital spokesman said the water supply is regularly inspected but confirmed that checks were being increased.

Legionnaire's disease, a condition with some similarities to pneumonia, is often contracted through bacteria in water supplies.

Murder attempt charges fail

A man was cleared yesterday of attempting to murder three people. Christopher Allen, aged 29, unemployed, of no fixed address, was sent in custody from Clerkenwell magistrates' court for trial on three charges of possessing a knife.

No evidence was offered on charges that he attempted to murder Mr Alfredo Albano, aged 61, Mrs Phyllis Waldron, aged 62, and Mrs Gloria Linnis, aged 42, who were stabbed on London streets.

Biggest safety campaign opens

Britain's biggest home safety campaign, costing £100,000 and funded by the Manpower Services Commission, was opened in Gloucester yesterday by Mr David Clayer, the Health Education Council's director general.

Gloucestershire has been chosen for an experiment which may lead to a national drive to reduce home accidents.

Microcomputer shops in North

A national network of 12 high street microcomputer shops is to be set up by next spring by the Cheshire-based publishing group Europress, at the cost of £1m.

The Greater Manchester area has been chosen for the first three, which will be opened within the next two weeks.

Students fined

Two students, Helena Cunningham, aged 21, from Leeds, and Ian Wilson, aged 23, from Glasgow, were each fined £20 by Harrogate magistrates yesterday after being convicted of obstructing the Prime Minister's car in Harrogate in May.

Gypsy grant

City councillors have voted to give gypsies £500 to help to finance a two-day festival in October at Peterborough, Cambridgeshire, where factory owners have been withholding rates in protest over illegal camping on industrial estates.

Miner injured

Paul Lynam aged 18, a miner, of Linsby, Nottinghamshire, was critically ill with internal injuries after being trapped yesterday in a conveyor belt on an underground roadway at Babington Colliery, Nottingham.



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David Clridge with his puppet Roland Rat

Big time beckons Roland Rat

TV-am's first and only successful puppet set his master a familiar show business riddle yesterday: Will Roland Rat quit for the big time? Mr David Clridge, the actor who introduces the rodent that pulled in the audiences who were not attracted by Anna Ford and her fellow stars, has received several offers to move his manager to other areas of the ITV network.

There are lots of offers around and at the moment I have yet to discuss the future with TV-am," he said. "We are talking about a Roland Rat Christmas Special to be filmed in Switzerland, but we need to recruit more people to expand. I am just a one-man show at the moment," he said.

C seeks life of wanted man

... ..

BRITISH ASSOCIATION



'Work' will transform schooling

By Lucy Hodges Education Correspondent

The new subject called 'work', now being taught in schools, could completely change the nature of state schooling by pushing yet more academic education out of state schools into the independent sector, according to Professor Samuel Eggleston, head of the education department at Keele University.

Earthquakes a risk in UK geologist says

By Pearce Wright, Science Editor

Britain is more vulnerable to earthquakes than most scientists recognize, according to Dr R. Muir Wood, a senior geologist with Principia Mechanical, consultant engineers, of London.

His assertion was made at a discussion on the impact of natural disasters, volcanic and seismic, on climate and on living things. His conclusions are based on the results of a three-year research programme undertaken, he claims for the first time, into the complete record of historical evidence of earthquakes in Britain.



Space explorer: An artist's impression (left) of the Giotto Satellite which will photograph the nucleus of Halley's Comet in 1986 and gather information on the comet's coma region and tail. Right: Mr Steve Kellock with Giotto's British component, the Johnstone plasma analyzer, for which he is experiment manager (Photograph: John Voss).

Halley's comet to be 'met' in space

By Our Science Editor

Preparations are at an advanced stage for a scientific satellite which will make a close encounter with Halley's Comet in three years' time. The probe, called the Giotto experiment, is to photograph the nucleus of the body, and take measurement of the particles of dust which boil off to form the comet's scimitar-shaped tail.

Describing the special preparations for this once-in-a-lifetime opportunity, Dr A. D. Johnston, of the Mullard Space Science Laboratory of University College, London, said that there were two separate tails pointing in slightly different directions. They could only be easily distinguished when seen from the correct angle. Each tail was produced by material released from the nucleus and dragged away from the comet by external forces.

To understand the formation of a tail, scientists had to establish what the material is, and what the forces were which moved it away from the nucleus, and how it was made visible to us on Earth. One of the tails was made of dust particles formed of tiny pieces of solid mineral ranging in size from less than a micron (millionth of a millimetre) to several millimetres and weighing, at most, a few tenths of a gram.

The second tail, the one which intrigues astronomers most, was formed by escaping gas. The gas molecules apparently left the surface of the comet at much higher velocities than the dust particles and were, therefore, scarcely affected by the radiation pressure which influenced the shape of the dust particles. It appeared as if the tails were being blown away from the comet by a wind from the sun with a speed of more than 500 km a second.

The solar wind was a plasma, an electrical gas. All the particles in it were electrically charged, half of them with a positive charge, and half with a negative charge. The comet's gas was also a plasma.

The scientists wanted to measure what happened when two very different plasmas, the solar wind and cometary gas, met. Dr Johnston said: "Many chemical reactions were believed to take place, some under the influence of sunlight to make the cometary gas into a complex mixture. But, since the cometary mixture was not seen, it is certain that the gas in the solid state, one of Giotto's tasks was to try to find the greatest molecules from which the atoms and molecules have come."

The human face of talking computers

Talking computers will soon have human faces as well as human speech. The stimulus comes from medical research to help people with impaired speech and hearing.

It was one of the innovations reported to a meeting of the association's psychology section on the clinical applications of

electronically synthesized speech and the progress in speech recognition by computer.

Introducing the topic, Professor M. P. Haggard, director of the Medical Research Council's Institute of Hearing Research at Nottingham University, gave preliminary findings of a study into the response of drivers of the new Austin Maestro, which is equipped to "talk" to its driver.

Professor Haggard said that the Maestro gave a unique opportunity to test what people found to be an acceptable quality of synthetic speech. In fact, he suggested, having to learn a computer dialect might even influence British insularity by encouraging the learning of a second language.

Computers with a human face as well as human voices were also described by Dr Michael Brooke, of Lancaster University, in a demonstration of computer graphics.

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Deep crisis for Dutch spending

By Our Technology Correspondent

The Dutch welfare state, probably the most generous in the world, is in deep crisis, according to a professor of economics from Amsterdam University.

Professor Michael Ellman described Dutch experience to the association as a particular dramatic example of the more widespread "crisis of the welfare state" which was affecting many Western countries.

Holland had developed its welfare programme during the economic boom of the 1950s and 1960s, with strong support from the Christian Democrats and the labour movement. The financial insolvency of a market economy had been abolished, and such sudden shocks as strikes or unemployment had no adverse effect on income, he said.

Only 6 per cent of the population lived in poverty in 1979, according to the Dutch definition, compared with Britain's 20 per cent.

Dutch unemployment was soaring, it had overtaken the British level in April.

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Speaking to the education section on "Challenges of the Eighties: The Pursuit of Equality", Mr Hattersley called for a campaign on all fronts to "compensate the underprivileged and to limit the ability of the rich and powerful to exploit their riches and power".

He attacked the idea that "something called equality of opportunity could be created without equality itself. People who believed that 'education' was a race which was inevitably won by the strong".

Belief in equality of opportunity is expressed most often in education, Mr Hattersley said. It "has been developed into the myth that education can in itself be an instrument of liberation."

"That is tragically untrue," he continued. "Without changes in the structure of society, and

Hattersley formula for equality

By Clive Cookson Technology Correspondent

Mr Roy Hattersley elaborated yesterday on what is becoming the favourite theme of his campaign for the Labour Party, leadership - equality of outcome rather than equality of opportunity.

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Mr Hattersley claimed that a practical programme for achieving equality of outcome would not be difficult to construct.

There must be action to change the social factors giving the middle classes a head start, Mr Hattersley said. "Without attempting to organize equality of outcome there can be no social mobility."

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Genetic engineering will have a revolutionary impact within a few years on a wide range of human activities - from breeding new strains of wheat to producing microbes to help to extract the two thirds of the world's crude oil reserves that cannot be recovered with present technology.

He also mentioned particularly the new hormones produced by genetic engineering.

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He also mentioned particularly the new hormones produced by genetic engineering.

Now, however, his already produced large quantities of two important hormones, human insulin and growth hormone. But Dr Chadwick

was most excited by the prospect of making some of the recently discovered brain hormones in culture of genetically engineered bacteria or animal cells.

A molecule called pancreatic cholera could be a powerful pain reliever. It can pass through the blood-brain barrier and is therefore biologically active when injected into the brain.

"This molecule has had its gene sequenced and cloned in bacteria, and work is under way to produce this in sufficiently large quantities to put into clinical trials," Dr Chadwick said.

Other brain hormones may be able to alleviate depression and even overcome learning or memory problems.

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Advertisement for Hattersley formula for equality and New hormones that could trigger a revolution, featuring text about genetic engineering and social policy.

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Widow flies in for funeral

Aquino assassination inquiry ordered

Manila (Reuter) - President Marcos of the Philippines last night announced that a special commission would investigate the murder of Benigno Aquino.



Face in the crowd: Mrs Aquino arriving in Manila last night.

Mr Aquino was shot dead at the airport as he arrived from three years of self-imposed exile on Sunday.

The President's announcement came as the opposition leader's widow, Corason, arrived from the United States with her son and four daughters for his funeral.

"This is a sad day for me, I will say more after seeing my husband", she said at the airport. The family, some of them in tears, were welcomed by relatives and friends and were surrounded by security guards as they left the airport.

The presidential statement said the Government was offering a reward of about £30,000 for information leading to the arrest of the killer or killers. The special commission would have powers "for a free, unlimited and exhaustive investigation into all aspects of the tragedy".

No timing was given for the start of the inquiry. Demands for an independent inquiry have come from the opposition in Parliament, notably from Mr Francisco Tatad, an independent opposition figure and President Marcos's Information Minister for 10 years.

The palace statement said the commission, headed by chief justice Enrique Fernandez and comprising four other Supreme Court judges, would be empowered to call witnesses and other evidence.

Shortly before the statement was issued, the Manila police chief, Major-General Prospero Olivares, said investigations had produced no clues to the identity of the alleged assassin.

shot dead at the airport by security men. He said police had been unable to trace ownership of the man's .357 magnum and it would take time to identify his fingerprints if he has a criminal record.

A US congressman said yesterday that President Reagan should not decide whether to go ahead with his planned trip to the Philippines until further information was available on the murder.

Mr Stephen Solarz, chairman of the House of Representatives subcommittee on East Asian and Pacific affairs, interrupted a tour of South-East Asia to return to Manila and express condolences to the widow and family of Mr Aquino, a personal friend.

Asked about a White House statement that Washington was not considering cancelling Mr Reagan's November visit because of the killing, he said: "It would be premature to make any final decision at this time until further information is made available on the murder."

In Tokyo, the Japanese journalist who claims Philippines security men shot Mr Aquino, said he may ask Colonel Gaddafi of Libya to help to establish his case.

Although the alleged report placed prime responsibility for the conduct of Argentina's diplomacy on the junta, it severely criticized Señor Costa Mendez for being short-sighted and rigid.

He was informed of the junta's intention to use force as an option for gaining control of the Falklands when he was appointed in December 1981.

He was told on March 23, 1982, 10 days in advance, that an invasion was going ahead, and he agreed to the plan on condition that Argentina's seizure of the islands should be used as the basis for a subsequent negotiated settlement with Britain.

Whitehall studying 'junta for trial' claim

By Our Diplomatic Staff

Western diplomats were last night studying a report that leading members of the Argentine Government during last year's Falklands conflict are likely to face trial.

The report, in the Buenos Aires Eronist newspaper La Voz, said this was the main recommendation of an official military inquiry set up after the Argentine defeat.

The first reaction of diplomats in Buenos Aires was to accept the report as genuine, but there was no confirmation last night in Whitehall, whose only contact with the Buenos Aires government is through a small interests section in the Swiss Embassy.

Not only General Leopoldo Galtieri and the other two members of the military junta, but also Señor Nicanor Costa Mendez, the former Foreign Minister, and General Mario Benjamín Menéndez, who was appointed governor of the Falklands after the Argentine invasion, have been recommended for trial by the inquiry, according to the newspaper.

BUENOS AIRES: Military sources said recently that the inquiry had concluded that Argentina handled the conflict badly from the start to finish (Reuter reports).

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He was told on March 23, 1982, 10 days in advance, that an invasion was going ahead, and he agreed to the plan on condition that Argentina's seizure of the islands should be used as the basis for a subsequent negotiated settlement with Britain.

He did not make the junta understand that Britain might well refuse to negotiate when faced with the completed military action.

It also blamed Señor Costa Mendez for failing to see that the United States would side with Britain in the conflict and for being too rigid in his interpretation of Argentine sovereignty in negotiations to try to avert a military clash with Britain.

Man in the news

Britain to lose a Senate friend

From Nicholas Ashford Washington



Mr Tower: Pinstripe suits and British cigarettes

The decision by Senator John Tower (Republican, Texas) not to seek reelection next year not only removes from the Senate an outspoken conservative and an ardent campaigner for increased military spending, but will also deprive Britain of one of its leading champions in the US Congress.

During the Falklands crisis last year Senator Tower was the first prominent figure in the United States to speak up openly in support of Britain.

At a time when the US was still trying to act as a mediator between Britain and Argentina, Senator Tower reminded the Reagan Administration of its obligations towards its closest ally. He was the only US senator to come out in open support of Britain once the fighting started.

"Congress could have made life very difficult for us if it had

wanted to," a British diplomat commented yesterday, referring to the military assistance the United States gave to Britain during the fighting. "Fortunately, American sentiment was heavily in our favour, thanks to the influence of people like John Tower."

Senator Tower, who is 57, looks more like an Englishman than the son of an itinerant preacher who grew up in the lumber towns of eastern Texas. He favours pinstripe suits and British-made cigarettes and attributes his "global views" to the two years he spent as a graduate student at the London School of Economics in the early 1950s when, he notes, Britain still had an empire.

Senator Tower, who took over Lyndon Johnson's seat in the Senate 27 years ago, is the second most senior Republican in the Upper House and chairman of the Senate's key armed services committee. In this latter capacity he has fought hard to push through President Reagan's defence programme, particularly the controversial MX missile.

His decision not to stand again next year came as a surprise, although it has been noted that he faced a particularly tough fight in a state which by tradition is overwhelmingly Democratic.

Kohl firm despite poll on missiles

From Michael Binyon, Bonn

Dr Helmut Kohl yesterday forcefully restated his Government's commitment to deploy new Nato missiles in West Germany and to stick to the planned timetable.

His statements, made in an interview with the Frankfurter Allgemeine Zeitung, were published the day after the results of a poll which showed that three quarters of German people are opposed to the new missiles being deployed even if there is no agreement at the Geneva arms talks by the autumn.

The Chancellor said no one could doubt Bonn's determination to install missiles if there was no tangible result in Geneva by November.

"Even a conceivable interim agreement, which I still think is possible - and we will do everything to render our contribution - does not make a weapons mix dispensable", he added, underlining his firm rejection of a waiver of the Pershing 2 missiles.

He had reason to believe in "intensive negotiations" in the next round, and called on the Soviet Union to take the necessary steps now, including the dropping of the demand to include British and French missiles. It was only, he said, the "walk in the woods"

compromise - a suggestion that went down badly with the Americans.

His tough stand is intended to be the German reply to the Greek call for a delay of six months in the timetable for deployment. But the Chancellor must also be alarmed by the force of anti-nuclear sentiment in his own country, which was strikingly shown by a poll commissioned by the ZDF television channel in July.

This showed that 75.5 per cent of all West Germans are in favour of further negotiations and against deployment - an increase over the 62 per cent who opposed the missiles in an earlier poll. Even 61 per cent of Christian Democrats and 71 per cent of Free Democrats, whose parties constitute the Government, shared this view.

The Christian Democratic Union quickly questioned these results, saying the question was missing whether the West Germans wanted to go on being threatened by the Soviet SS20 missiles.

Meanwhile, a polling agency has confirmed that the US information agency has commissioned a poll in West Germany to find out whether Dr Kohl can push through the deployment issue at home.

Chemical weapons hope dashed

From Alan McGregor Geneva

High hopes for an early treaty prohibiting chemical weapons have been dashed as the 40-nation United Nations Disarmament Committee concludes its 1983 session.

The American assessment is one of meagre and disappointing results, with "an effective ban not much closer than it was a year ago".

While asserting that United States Congressional approval for the binary weapons production programme "kills those talks", the Russians are simultaneously urging more intensive negotiations when the committee begins its 1984 session in early February.

The Russians contend that the Americans are excessively rigid on the crucial issue of verification, but the Russians have been very slow to follow up their acceptance last year of the concept of on-site inspection by clarifying what they have in mind.

Their intention of leaving many points to be settled at a later stage is anathema to the United States which wants verification procedure details clear cut.

Crucial day for Malta at Madrid conference

From Richard Wigg, Madrid

Intensive contacts went on yesterday among delegations to the 35-nation European Security Review conference before today's crucial meeting set by Spain for Malta to drop its stubborn stand which has held up a concluding meeting at foreign ministers level early next month.

All the nations, except Malta, reached agreement on a final document on East-West relations on July 15. Malta has held out for greater attention to

Mediterranean security problems.

The centrepiece of this East-west gathering, the first since the Soviet intervention in Afghanistan in 1979, would be the encounter between Mr George Shultz, the United States Secretary of State, and Mr Andrei Gromyko, the Soviet Foreign Minister.

A subsequent concluding session of the nearly three-year old meeting would be held separately.

Swiss Army chooses a German tank

From Our Correspondent, Geneva

The Swiss Army's new combat tank is to be the West German Leopard 2. Not the American M1 Abrams. This decision was approved yesterday by the Swiss Cabinet.

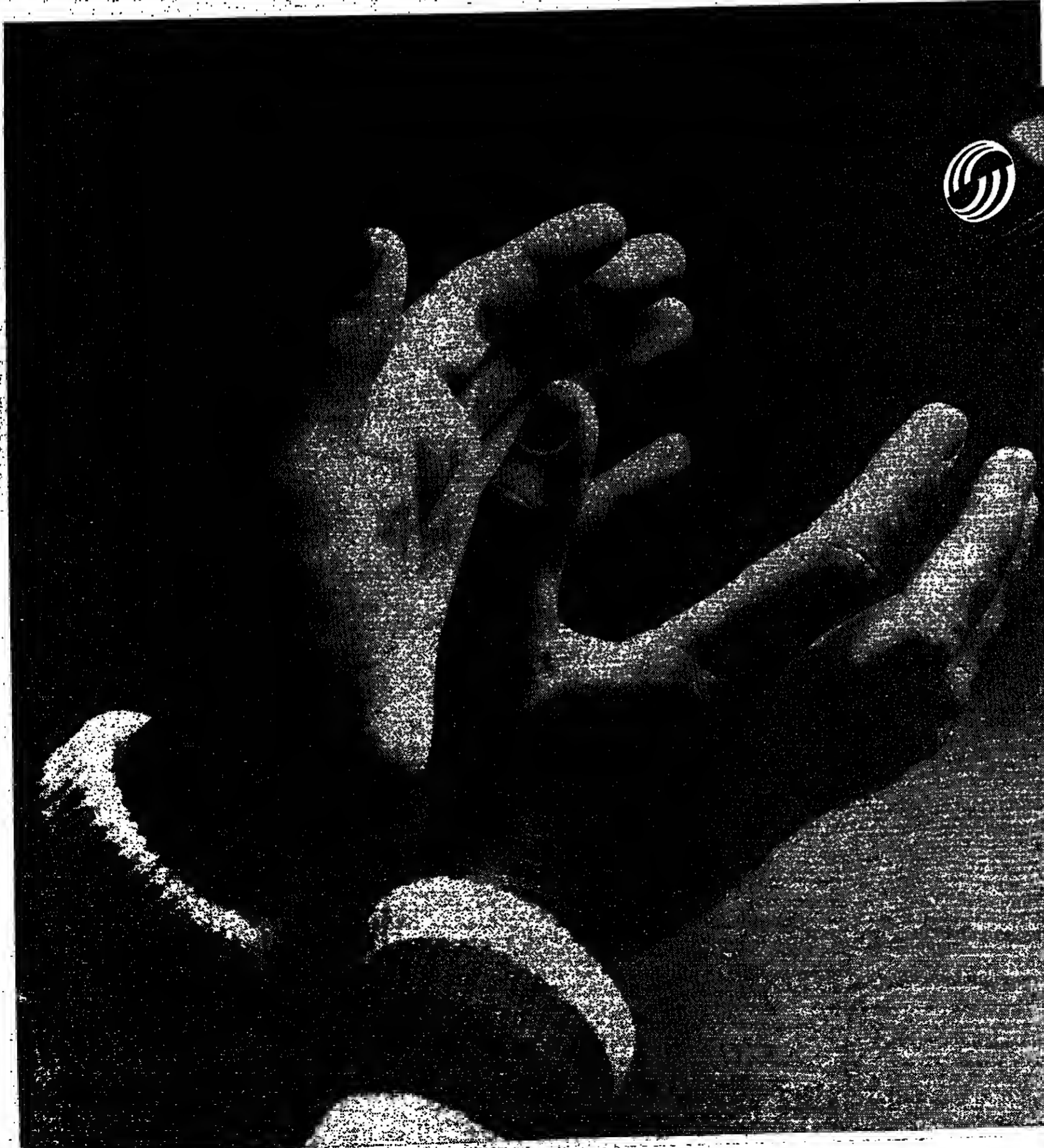
2,500m Swiss franc (£796m) credit is being opened for a first series of 210, of which 35 will be imported direct from the manufacturers, Kraus Maffei, Munich and 175 will be constructed under licence in Switzerland.

This initial sum will also

cover servicing and maintenance equipment for a further 210 tanks, built under licence. Deliveries will be spaced over 15 years.

Technical evaluation of the two tanks started more than two years ago, with two models of each under test.

The arrangement for manufacture under licence will give the West German tank a price advantage. The Leopard 2 was also judged to be more "technically mature".



One opportunity that must not slip through Britain's fingers.

Twenty-five years ago, Britain's civil aircraft industry led the world with programmes like the Comet and the Viscount.

The all-new Airbus A320, the world's most advanced jetliner, will give British industry the opportunity to demonstrate itself a leader once again.

The remarkable A320, on which Britain will stake its aerospace future, is currently under the microscope of many key airlines around the world. Alongside it are some American derivatives whose basic technology stretches back to the early sixties.

At least 6000 British high-tech workers conscious of their future consider this unequal comparison is hardly fair competition.

Airbus

Turkish poll restricted to three parties at end of approval deadline

Only three parties will be able to contest the Turkish elections, set for November 6, because no others were able to meet the requirements of having by yesterday at least 30 approved founders and being organized in at least 34 of the 67 provinces.

The parties which qualified are the right-centre National List Democracy Party, headed by Mr Turgut Sunalp, a former General, and reputed to be enjoying the full backing of the ruling military; the conservative Motherland Party of former Deputy Prime Minister and economy chief Mr Turgut Ozal; and the Populist Party, which claims to represent the social democrats, headed by Mr Necdet Calp, a former provincial governor.

The rest of the 14 parties established since last May to replace ones banned after the army coup in September 1980, were excluded.

Among the are the conservative Right Way Party and the social democrat Sodep. Both were left short of the required number of founders because of vetoes by the ruling National Security Council last Friday on the alternative names they had proposed, although they had easily organized in all the provinces.

Iran settles debt to US bank

Iran has paid \$419.5 (£280m) to cover settlements of claims of United States banks for loans to the pre-revolutionary Government of the Shah.

Iran has also settled claims of 19 other American commercial banks.

The 20 settlements have drawn down the escrow account by about \$895.9m.

In return for the latest payment, the federally supported Export-Import Bank has withdrawn claims pending at an account to cover settlements of claims of United States banks for loans to the pre-revolutionary Government of the Shah.

The Treasury Department announced here.

It is the biggest debt settlement that Iran has made to American banks under the January 1981 agreement for the release of 52 American hostages held in Iran for 444 days.

As part of the hostages agreement, \$1,418m was put in a Bank of England escrow

disbanded upon the inauguration of parliament, but President Kenan Evren, vested with sweeping powers by the new constitution adopted last November, will still have a dominant position above it for six more years.

The main contest is expected to be between the Nationalist Democracy Party, on whose ticket Mr Bulend Ulsu, the Prime Minister, and four ministers will run as independent candidates, and the Motherland Party, which is credited with rapidly-growing support.

Voting is compulsory, on pain of heavy fines. President Evren has been constantly warning people against "the instructions of former politicians for them to cast blank votes".

The leader of the two main excluded parties have reacted calmly. Yesterday Mr Cezmi Kartay, the Sodep chairman, said exclusion of his party would not mean the cessation of its activities. A spokesman for the Right Way said a statement would be issued after a meeting of party executives.

Political observers expect the leading figures of both parties to run as independent candidates.



Dressed to kill: Lieutenant-General Abdul-Halim Abu Ghazala, the Egyptian Defence Minister, left, and US Lieutenant-General Robert Kingdon reviewing joint manoeuvres yesterday in the Western Desert.

BAOR men accused of armed robbery

Bonn - Three soldiers from the First Battalion of the Irish Guards are being held in British military custody in Munster after being arrested by German police on charges of armed robbery.

The three men, whose names have not been given, are alleged to have raided a petrol station on June 30 using British Army Sterling sub-machine guns, and stolen cigarettes, sweets and DM 2,000 (£500) in cash. They were said to have been caught after fleeing in a car which then crashed.

A spokesman for the British Army of the Rhine said a military investigation was now complete, and the Army was waiting to see whether the West German authorities would waive their jurisdiction.

Nightmare stops an airliner

Ankara (AFP) - A West German passenger forced a Turkish airliner to return to Istanbul shortly after take-off on Tuesday when he apparently awoke from a nap and mistook a nightmare for reality, the newspaper *Express* reported.

Herr Wolfgang Stroppe, from Munich, kept out of his seat, shouting there was a bomb on the aircraft, which returned to Yestilkoy airport.

A search of the suitcase to which Herr Stroppe pointed revealed not a bomb but a bottle of raki, a potent local liquor. He said he had fallen asleep before take-off and dreamt that a bomb was hidden in the suitcase and woke up shouting in terror.

He was arrested and an investigation has been opened by the authorities.

Top man's surrender blow to Solidarity

Warsaw (Reuters, AP) - The Polish Authorities yesterday questioned Mr Wislasylaw Hardek, a leading figure in the Solidarity underground whose decision to surrender to police was the biggest setback yet to the banned trade union.

His appearance on state television on Tuesday night, reading a statement renouncing further underground activity as pointless, raised questions about the future of the struggle by activists in hiding to promote the ideals of the movement.

It was clearly a blow to opposition morale and followed a weak response to call for a go-slow as part of protests marking the third anniversary of the strikes and agreements that led to the birth of the union in 1980.

Official sources in Cracow, where Mr Hardek operated as the regional underground leader, said he was interviewed at the military prosecutor's office. He reported to police earlier this week.

They believed he would be freed soon under the terms of an amnesty declared when martial law was lifted last month, offering activists freedom from prosecution if they surrendered and made statements of their offences.

Solidarity figures in Warsaw speculated that Mr Hardek may have been captured by the authorities and threatened with a stiff jail term if he refused to announce his "surrender".

Mr Lech Walesa, chairman of Solidarity, questioned about Mr Hardek as he left the Gdansk shipyard, said, "I don't speculate about things like that. I am just not going to talk about it."

Chad says rebels are advancing

Nijmegen (Reuters) - Two columns of rebels backed by Libyan armour in northern Chad are advancing towards two government outposts, the Chadian Information Minister, Mr Soumeïla Mahamat, said yesterday.

He said the columns, each including up to 1,500 Libyan troops and around 100 Soviet-built T62 and T72 tanks, were moving along two roads which lead to the capital through the semi-desert region. There had been no fighting yet, he said.

The Western column was moving on Koro-Toro, which lies 125 miles north of the government garrison at Sahel, where an estimated 100 French paratroopers are stationed.

The eastern column was heading for Oum Chalouba, 190 miles south-east of the oasis town of Faya-Largeau which the rebels captured two weeks ago and turned into a major base.

Koro-Toro is deserted but the government still has troops at Oum Chalouba, although Western diplomatic sources here say they believe it is indefensible.

Life for French troops at Sahel is so tough they will have to be rotated, to prevent mental problems, an Italian journalist says.

Signor Lucio Lani of the Milan Newspaper *Il Giornale*, the only journalist so far to reach Sahel, said the outpost consists of 15 mud houses clustered around a single well.

PARIS: France wants a peaceful settlement to the crisis but this implies a position of strength in the field, our government spokesman, M Max Gallo, said here (AFP reports). He added that above all Chad was an African affair and it was up to the Africans to resolve it, perhaps within the Organization of African Unity.

NAIROBI: M Maurice Fauré, chairman of the French National Assembly's foreign affairs committee, arrived in Addis Ababa with a message from president Mitterrand on the crisis for Colonel Mengistu Haile-Mariam, the Ethiopian leader and current OAU chairman (AFP reports).

Sinatra sues

Las Vegas (Reuters) - Frank Sinatra is seeking \$10m (£6.6m) damages from a nightclub here called "Sinatras", alleging that the owners, the brothers Duane, Dennis and Paul Sinatra, misappropriated his name and were trying to mislead the public. The singer has a new contract to perform exclusively at a hotel and casino three blocks away.

Kidnapped

Naputo (Reuters) - Two Soviet technicians have been killed and 24 kidnapped in Mozambique in the continuing harassment of foreign aid specialists by opponents of the Mozambique Government. A number of Mozambicans were also seized in the raid on a tantalite mine at Morima, Soviet sources said.

Mafia dug in

Rome (Reuters) - It will be the year 2000 before the Mafia is defeated, Signor Emanuele De Francesco, the special commissioner charged with fighting the criminal network, said in an interview. The Mafia mentality remained "deeply entrenched and had to be tackled in schools, but this would take time."

Nevis in step

Baseterre (Reuters) - The coalition Government of the St Kitts-Nevis Prime Minister, Mr Kennedy Simmonds, made a clean sweep of all five seats in a new legislative assembly to handle affairs on the smaller island of Nevis after the twin-island state gains independence on September 19.

A-waste block

Brussels (Reuters) - Belgium and Switzerland have suspended indefinitely the disposal of 3,700 tonnes of radioactive waste in the Atlantic because of a dumping boycott by British seamen. The British company under contract cannot raise a crew.

Shagari victory

Lagos (AFP) - President Shagari's National Party of Nigeria has won 55 of the 85 federal Senate seats contested last Saturday. Voting for the remaining 11 seats was put off because of violence or electoral irregularities.

Queen foiled

Johannesburg - Judgment in an application to the Swaziland High Court by Queen Dlodzile to make her dismissal as Queen Regent declared illegal was withheld after a proclamation that royal affairs were beyond the prerogative of the courts.

Children killed

Colonge (Reuters) - Eight people, including five children, died and five others were injured in a three-car crash near Colonge on Tuesday night. A tyre on one of the vehicles burst.

Nepal epidemic

Katmandu (AP) - Twenty-four more people have died of gastro-enteritis in Nepal, bringing the number of deaths from the disease to 95 in the past two weeks. Doctors have been sent to affected areas to deal with the epidemic, which is spreading.

School falls

Taipei (Reuters) - Twenty-two students were killed and 63 injured when a school at Feng Yuan, 100 miles south of Taipei, collapsed during opening ceremonies for the new term. Rescue workers feared more bodies might be found.

Drugs arrest

Amsterdam (AFP) - Police arrested a 31-year-old Londoner, identified only by his initials "LRS", in connection with a narcotics haul in central Amsterdam earlier this week in which 770 lb of hashish were seized.

Catalan JR

Barcelona (AD) - From mid-September the American television series *Dallas* is to be shown throughout Catalonia dubbed in Catalan.

Spaniards who do not speak this regional language will be out of luck.

Suicide note reveals Nazi's fear

Bonn (Reuters) - A former Nazi officer poisoned himself because he could not face being tried for the deaths of hundreds of French Jews, according to a suicide note. A spokesman for the Bonn State District Court said yesterday that Richard Wilhelm, 74, claimed that he had been a tool acting under orders and knew nothing of the annihilation of the Jews until after the war.

Herr Freise, an SS officer had been charged with being an accessory to the murder of 1,372 Jews.

Three other SS officers, Walter Nachrich, aged 74; Modest Graf Korff, aged 73, and Rolf Bilharz, aged 74, have been accused of aiding in the murder of 73,000 French Jews who were deported between March 1942 and 1944. They are due to stand trial in October.

Gypsies gassed: A retired West German medical director, Helmut Ruchel, aged 65, has been charged with being an accessory to the murder of gypsies exposed to experimental war gases in the Nazi concentration camp of Natzweiler, Alsace in 1944.

BOSTON: A US lawyer said here that the accused Nazi war criminal Klaus Barbie worked for the intelligence services of several countries apart from the United States after the Second World War (Reuters reports). Mr John Loftis, who prosecuted Nazis for the US Justice Department refused to identify them.



The Sahel region in West Africa, showing the borders of Chad, Niger, Mali, and Senegal. Key locations like Faya-Largeau, Koro-Toro, and Sahel are marked.

UN chief pays flying visit to Namibia

From Ray Kennedy Johannesburg

Talks on the independence of Namibia ended abruptly in Cape Town yesterday as Señor Pérez de Cuellar, the United Nations secretary-general, made a surprise change of schedule in order to visit the "front-line".

He flew to Ruscana, a settlement at the western tip of the Ovambo homeland facing the southern Angolan border and one of the primary battle zones in the bush war between South African troops and guerrillas of the South-West African People's Organization (Swapo).

He will today fly to Windhoek, the Namibian capital, for a final round of talks with internal political party leaders. No reason was given yesterday for his change of plan nor any details about whom he would meet on the border.

At the end of the Cape Town talks, Señor Pérez de Cuellar said substantial progress had been made on outstanding issues. But Mr R. F. Botha, the South African Foreign Minister, emphasized it had been made clear that South Africa would not agree to the United Nations settlement plan without a clear agreement on Cuban withdrawal from Angola.

Mr Botha said that the Cuban issue was not within the mandate of the Secretary-General, who has to report to the Security Council by August 31 on progress towards settling

Referendum date

South Africa's white voters will be asked in a referendum on November 1 whether they approve the constitutional reform plan which will give Coloureds (mixed race) and Asians - but not black - a limited share of power.

Mr P. W. Botha, the Prime Minister, told Parliament in Cape Town yesterday that discussions would continue with Coloured and Asian leaders about a "realistic opportunity" to test the opinions of their communities.

The United Nations' longest-running dispute.

Señor Pérez de Cuellar said: "Unfortunately, I am still not in a position to indicate a date for implementation, since issues outside the scope of my Security Council mandate remain unresolved."

He said he had come to South Africa mainly to discuss problems relating to the electoral system and the composition of the United Nations Transitional Assistance Group (Untag), and these had been resolved. "The Cuban problem is a problem on its own," he said.

At a separate press conference, Mr Botha said: "As far as South Africa is concerned, we have resolved all the outstanding issues within the framework of understandings reached with the United States and the Western five contact group."

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حکومت الامارات

Generals out of touch as Chile looks to the post-Pinochet era

A ring of unreality pervaded the firm speeches by armed forces chiefs and the official threats against 'forces of chaos' which marked this week's tenth anniversary of General Augusto Pinochet's seizure of power in Chile. General Pinochet and his supporters still occupy the leadership, but Chile itself has undoubtedly entered the post-Pinochet era...

From Florencia Varas, Santiago

impose a curfew starting at 8pm on the evening of the protest. Earlier this month, General Pinochet issued a warning that the Government would not tolerate any more protests, and threatened to occupy Santiago with 18,000 troops...

Now, with less than a month before the fifth protest, the President has been forced to take a step back and declare that the protest will be accepted as long as they are peaceful.

At the same time, the arrival of Senator Sergio Onofre Jarpa, former Ambassador in Buenos Aires, as the new minister of the interior shows.

President Pinochet's insecurity over confronting the demands of the opposition, who seek his immediate resignation, has had to use a right-wing politician like Senator Onofre Jarpa to calm the spirits and perhaps find a dialogue with the only part of the opposition that could be secured - the Christian Democrats.

Chile in 1983 is not the country that spoke with whippers under the reign of terror of one man and his security forces. The people have lost much of their fear, and are calling in loud voices for his resignation.

When several trade unions called in May for a protest against the military regime, the noise of the pots and pans banging in the early evenings was timid under the slogan 'Decorosity', the protest continued in June and July, and the Government felt obliged to...

In his first 10 days as Minister of the Interior, Senator Onofre Jarpa has had to bury several the dogmas by which General Pinochet has governed. The new minister has recognized the legality of the non-violent protest, stating even that for the next protest - expected on the tenth anniversary celebration of the military regime - he would not call out the armed forces, but would leave the consequences to those who organize it.

He has also declared that legalization of the new formation of political parties next year will be studied, as well as an election of Congress before the fixed date of 1989.

These statements do not necessarily signify that the military Government has changed its character. Rather than these are decisions forced by circumstances and useful for courting the Christian Democrats, who a few weeks ago organized a coalition of various parties, called the 'Democratic Alliance', with representatives from the right and the Radicals.

Their programme is based on a dialogue with the Government, with prior condition that General Pinochet resigns. Within the Christian Democrats, however, several of the right-wing leaders now seem willing to participate in the dialogue offered by Senator Onofre Jarpa.

The left-wing forces - which in the next few days are to launch a democratic and popular government programme - are demanding not only General Pinochet's exit from office, but that the entire junta resign in favour of a transitional government under the President of the Supreme Court.



Death wish: New York rescue workers holding on to a struggling woman who had jumped into the Hudson river. She screamed: "Let me go, I want to die."

Moi prepares for next five years

President Daniel arap Moi was yesterday assured of reelection for the next five years, when he presented his nomination papers from the ruling Kenya African National Union (KANU) in an open-air ceremony here. Although his reelection was a foregone conclusion - there is only one party in Kenya, and the KANU president is automatically the only candidate - thousands attended the ceremony, with tribal dancers and musicians making it a colourful occasion. President Moi pledged to uphold the KANU manifesto which has just been issued for the general election on September 26. The party's pledges to work for national unity and economic progress, and emphasises the need to reduce Kenya's four per cent birth rate.

From Charles Harrison, Nairobi

chaired by President Moi, has approved 991 candidates for the 158 elected seats in Parliament. Four prospective candidates were rejected because they either had criminal records or were not considered to have followed KANU policies. The elections were not due until late next year, but were brought forward by President Moi after a political crisis in which he accused unnamed ministers of disloyalty.

Mauritius gets down to balancing the books

Port Louis (AFP) Economic problems will dominate the first weeks of the new coalition Government which has won power in the Indian Ocean island of Mauritius. Mr Amerwood Jugnauth's administration will have to prepare a tough budget to present to Parliament and start discussions with the International Monetary Fund in an attempt to emerge from the worst economic crisis the country has known.

The Prime Ministers three-party coalition - his own Mauritius Socialist Movement (MSM), Sir Seewoosagur Ramgoolam's Labour Party and Sir Gaetan Duval's Social Democratic Party - took 41 of the 60 seats for Mauritius itself, against 19 for the opposition Mauritian Militant Movement (MMM) of Mr Paul Berenger.

On the neighbouring island of Rodrigues the Rodriguan People's Organization (ROPR), normally allied to the MMM, took both seats. The elections took place only 14 months after a left-wing coalition of the MMM and the Mauritian Socialist Party of Mr Harish Boodhoo swept the board, ousting the Labour Party which had ruled for 20 years.

But in a dispute over policy Mr Berenger, then Finance Minister, went into opposition with most of the MMM MPs. On Sunday 14 MSM won 28 seats, Labour nine and the Social Democrats four, but the whole coalition took only 52 per cent of the votes, leaving the MMM the strongest single party in terms of popular support.

But the MMM was effectively leaderless in Parliament, as Mr Berenger, who founded the party, its Chairman and its Secretary-General all lost their seats.

Hongkong relations chief named by China

Peking (AFP) - China yesterday confirmed reports that the former Foreign Minister, Mr Ji Pengfei, has been named head of its Hongkong and Macao Affairs office, which is handling negotiations with Britain on the future of Hongkong.

Observers here said China clearly wanted to spell out its position on the future of the British colony to the international community as well as Britain. Mr Ji, aged 73, was Foreign Minister from 1971 to 1974, a period which saw China re-recognized by the United Nations and ending relations with many Western nations, including Britain.

He became a Deputy Premier in 1979 and State Councillor in 1982, a position which has brought him into frequent contact with visiting foreign delegations.

On HONGKONG: China is developing relations with Macao to influence the negotiations on the future of Hongkong (Richard Hughes writes).

The current visit from Canton of the Governor of Guangdong province, Mr Liang Lingguang, and a delegation of six advisers, has underlined Canton's desire to forge closer political and technical links with provincial authorities across the border. The popular Portuguese Governor of Macao, Admiral Vasco de Almeida E Costa, has warmly welcomed the delegation and accepted an invitation to visit Canton later this year, when plans for Chinese-financed reclamation of land and development of Macao's capitalist-colonial industry will be approved. "The economic development of our province will benefit Macao just as a prosperous and stable Macao will benefit Guangdong," Mr Liang said.

Agent orange makers sued Vietnam veterans battle in court

From Trevor Fishlock, New York

In what promises to be a cause celebre, 20,000 ex-servicemen are suing the makers of agent orange, the defoliant sprayed on jungles by the Americans during the Vietnam War to deny cover to their enemies. The men claim they were harmed by handling it.

The herbicide contained dioxin, itself the focus of controversy. The United States Environmental Protection Agency (EPA) regards dioxin as highly toxic, and the minutest traces have been shown to cause cancer in some animals.

Nobody can say how dangerous it is to man, but fear of its supposed insidious effects is widespread. For example, the Government is buying the town of Times Beach, Missouri, paying \$21m to relocate the population of 2,400, after an examination revealed dioxin in the soil.

In other parts of the country people have been alarmed by the discovery that dioxin in chemical plant waste has been carelessly and illegally dumped near their homes.

In the Vietnam veterans' case, expected to start next year, the leading defendant is the Dow Chemical Company of Michigan, the largest supplier of agent orange. It is now trying to improve an image stained by the dioxin scare.

The company believes it is being made a scapegoat because of the public's emotional response to the use of agent orange, and napalm, another Dow product made notorious in Vietnam.

Dow and the EPA have long been glaring at each other over the dioxin issue. Dow is an old and proud company and has always resisted being stamped out by studies it believes to be scientifically unsound. To some the company looks arrogant.

Dow led the field in dioxin detection and control in the 1960s. When its chief toxicologist found that dioxin had "a tremendous potential for producing (the skin complaint) chloracne and 'systemic' leukemia" it reduced dioxin levels in its herbicide 2,4,5-T, an ingredient of agent orange, and urged other firms, Monsanto and Diamond Shamrock, also suppliers of agent orange, to follow suit.

The judge in the agent orange case says they did not act on Dow's warning. But Dow failed to tell the Government what it knew about dioxin for almost five years. It evidently thought manufacturers should set their own good housekeeping standards rather than have them imposed by law.

As far as s-know nobody had ever been killed by dioxin, but it is difficult to determine how dangerous it is. "For many species dioxin is one of the most toxic substances known, and it has been shown that it acts as a tumour promoter. But for certain types of hamster, and for humans, it is much less toxic", a toxicologist said. This accords with research showing that different creatures are affected by dioxin in different ways. Some researchers think dioxin could cause cancer, nerve damage and erosion of the body's natural defences, but the evidence is disputed. The only effect of dioxin established in humans is that it causes chloracne, which sometimes disfigures and sometimes fades rapidly.

Fear of dioxin could grow out of proportion to the hazard, but the EPA thinks that, while reactions are sometimes hysterical, public concern is reasonable. It says experts have been wrong before, as in the case of thalidomide. Dioxin is in the dock.

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Archbishop of Prague attacks state

Vienna (Reuters) - The head of the Roman Catholic Church in Czechoslovakia has accused the Communist authorities of discriminating against believers and restricting religious freedom and activity, according to the Austrian Catholic news agency Kathpress.

Cardinal Frantisek Tomasek, the 84-year-old Archbishop of Prague, lodged the complaints in a letter to the Government's Secretary of State for Church Affairs, Mr Vladimir Janku, calling for a fundamental change in state policy on religion.

Cardinal Tomasek apparently wrote to Mr Janku after a television programme that the cardinal said portrayed believers as fools and contained lies and insults. The cardinal appealed to the authorities to consider, in the interest of peaceful coexistence and other values, "a more fruitful alternative to this old, contentious, superfluous conflict," Kathpress said.

Strike hits main Tamil city in Sri Lanka

Residents of Jaffna, the administrative capital of the Tamil area of Sri Lanka, yesterday held a general strike with all schools, offices, shops and workplaces closed and all road transport stopped.

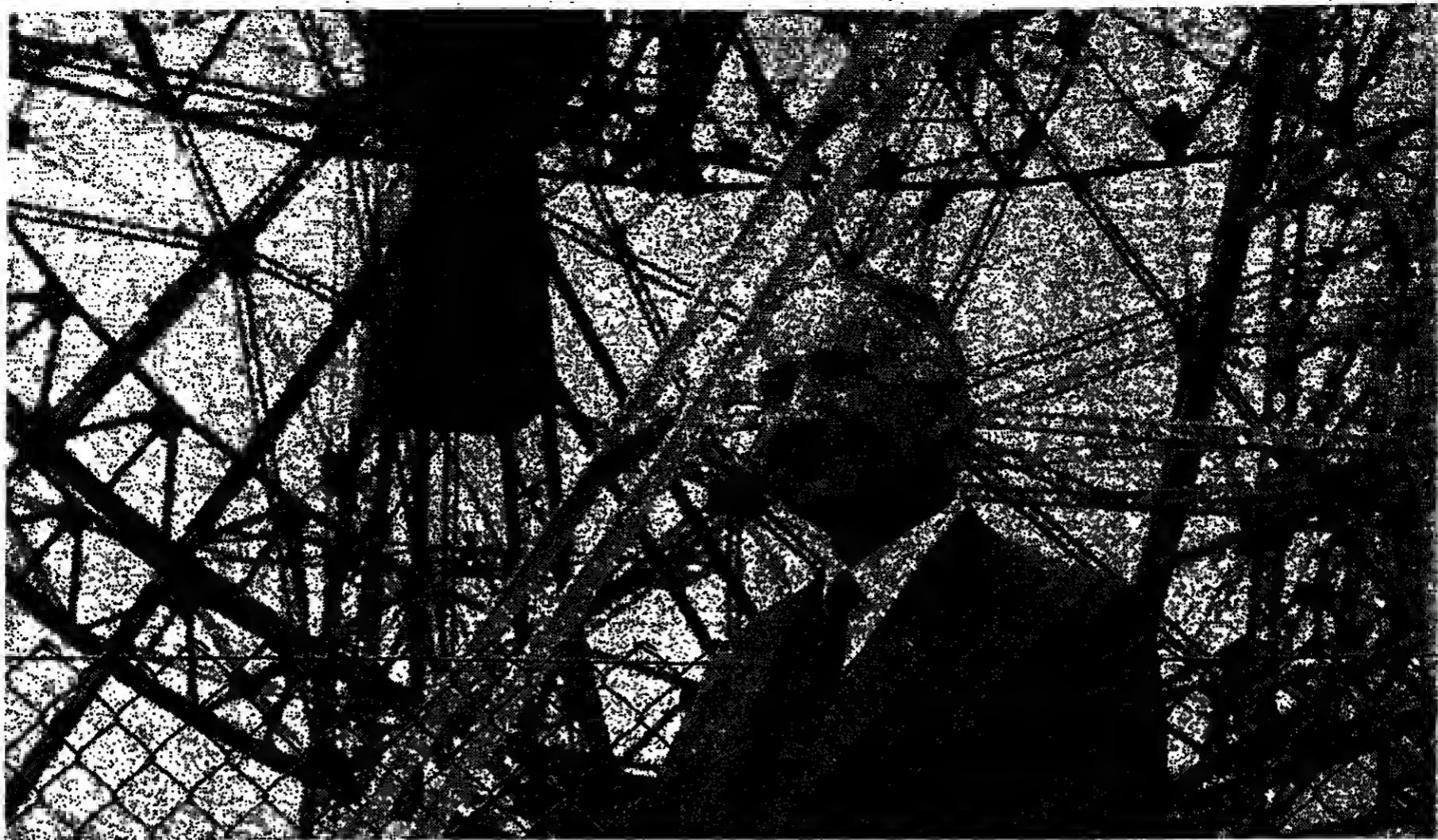
It marked the killing a month ago of 52 Tamil prisoners in a Colombo jail by Sinhalese prisoners. The killings took place in two incidents on July 25 and July 27.

In Colombo a Government spokesman said no one had claimed responsibility for calling the strike.

The curfew was reduced from nine hours to five hours from yesterday.

With about 13,000 people still in refugee camps a government spokesman said about 65 per cent of those in Colombo were stateless and would have to be the subject of discussions between the Sri Lankan and Indian Governments.

Knight of the stars



The Times Profile: Sir Bernard Lovell at 70

The walls of the observing room at Jodrell Bank are made up of banks of amplifiers, cables and computers, which analyse and record the signals picked up by the big dish. It was here, last thing at night for his three decades as director of the Nuffield Radio Astronomy Laboratories, that Sir Bernard Lovell would end his day, checking on the work in progress, offering advice and encouragement to the few remaining staff.

And it is Jodrell Bank which is Lovell's most tangible achievement and the most obvious evidence of his position as a major figure in international astronomy.

Born in Gloucestershire, Lovell graduated from Bristol university and in 1936 became assistant lecturer in physics at Manchester university, where he came under the considerable influence of Professor Patrick Blackett.

Lovell's early research was with cosmic rays, the nuclei of atoms which hurtle through space. But like many other academics of his time he soon became involved in the development of radar (radio detection and range). On September 3, 1939, the day that Chamberlain broadcast the news that Britain was at war, Lovell was working in the operations room of an early warning station at Saxton Wold in Yorkshire.

He was part of a team developing radar for airborne interception (AI), enabling night fighters to locate enemy aircraft and manoeuvre within visual range. It was through working with radar during the war that Lovell also became familiar with the experimental problems of working with radio waves.

As the war continued, Lovell was placed in charge of another crucial radar development. Night bombing of Germany was proving ineffective. Two thirds of all crews failed to strike within five miles of their targets. The project, codenamed H2S, was the development of a radar "blind bombing" system to help pilots find their targets, but the system was bedevilled by problems.

On July 3, 1942 however, Lovell and his colleagues met Winston Churchill in the Cabinet Room. Churchill demanded that the blind bombing apparatus be operational by October, a seemingly impossible task. But at the end of the year a system was working. By the end of 1943, 32,000 out of 53,000 sorties were led by H2S aircraft. The same system could also detect submarines surfacing under cover of night. Hitler confessed that "the temporary setback in our U-boat campaign is due to a single technical invention of our enemies".

Lovell later said that he found his wartime experiences frustrating. At the end of the war, exhausted by six years of intense pressure, he returned to Manchester with two trailers of surplus radar equipment and a diesel with frozen fuel pipes. He set up a primitive station south of the city with two gardeners of the university's botanical grounds for company. The land once belonged to William Jauderell, who had fought with the Black Prince at Poitiers.

Some time before this, Lovell had suggested to Blackett that the rapid and transient echoes seen by coastal defence and airborne radar might be reflections from cosmic ray showers. Together they drew up a famous paper *Radio, echoes and cosmic ray showers* (Blackett rewrote Lovell's first draft in a Westminster shelter during an air raid). The echoes turned out not to be from cosmic rays but from meteors and on October 9, 1946, Lovell observed an intense meteor shower.

His work soon demonstrated that the strongly held belief that sporadic meteors came from outside our solar system was wrong. Meteors are pieces of rocky debris that circle the sun, ranging in size from the microscopic upwards. When one no bigger than a pinhead enters the earth's atmosphere it burns up, becoming a familiar

"shooting star". Radar enabled much fainter and even daytime meteors to be detected. Later Lovell was to write a classic textbook on the subject.

In 1946, construction began of a 218ft diameter fixed parabolic telescope consisting of fields of wires. This telescope contributed much to the reemergence of radio astronomy after the Second World War.

By 1948, Lovell had plans for a 250ft fully steerable dish. After a meeting at Edinburgh university, where Lovell presented his case, Sir Edward Appleton recorded: "All present were emphatic that every effort should be made to erect such a steerable instrument in Great Britain". In 1950 support came from astronomical and governmental quarters and in 1952 Husband and Company of Sheffield and London were appointed as engineers. Work began that autumn.

Ten thousand tons of reinforced concrete were poured into the foundations and eventually 2,000 tons of metal made up the superstructure. But the construction of the "big dish" was far from straightforward. The escalating costs became the subject of a House of Commons committee. Delays, mounting costs, increasing debts and bureaucracy wove a 10-year nightmare of intractable problems around Lovell, threatening at one time to send him to prison for alleged overspending of government money.

There was bitter opposition from other university departments and from Manchester corporation. But the public rallied and contributed £500,000 of the £850,000 cost. Although bugs at the time, these sums were tiny compared to those spent on the US and Russian space programmes.

The first radio waves were picked up on August 2, 1957. Two months later the Russians launched Sputnik 1.

Lovell was in the right place at the right time and had an instrument that could vastly outperform anything else. One small radar echo confounded the opponents of Jodrell Bank, who were calling it a costly and technological white elephant. Jodrell Bank produced not only radar trackings of the first ever artificial satellite, but also its

carrier rocket, the first ever intercontinental ballistic missile. Nothing in the US or the USSR could match the big dish.

Later Jodrell was to pull off another coup. It transmitted signals to the American Pioneer V deep space probe to release it from its carrier rocket. The big dish was the only one capable of establishing radio contact with the probe at a distance of more than 22 million miles. Afterwards, a telephone call came from Lord Nuffield:

"Is that Lovell?" "Yes, my lord." "How much is still owing on the telescope?" "About £50,000." "Is that all, I want to pay it off."

Lovell was left speechless. It was Jodrell's contribution to astronomy, however, that kept it at the forefront of science for decades. Radio echoes from the moon gave a new accuracy to the measurement of the solar system. The telescope did much to investigate the shape and rotation of our own Milky Way. Because radio light is scarce compared to optical light it can traverse vast distances through space. Jodrell Bank measured the positions of radio sources that were found to be the most distant and energetic objects known in

the universe. These were called quasars and are exploding galaxies half a universe away.

I first met Lovell when I was a research student at Jodrell Bank. I was the junior member of the team headed by Lovell which looked for explosions on the surfaces of nearby stars - explosions similar to the solar flares seen on the sun.

Over the past decade the emphasis of research at Jodrell Bank has shifted away from the use of the single big dish to explore the universe. Jodrell pioneered a technique called radio interferometry whereby two small dishes some distance apart can be electronically connected in such a way as to perform like a single large dish of a size equal to the distance between them. Jodrell now has an array of telescopes throughout England and Wales which it uses to emit signals of a strength equal to that of an enormous single telescope.

Lovell's stewardship of what is perhaps Britain's most famous centre for science has not gone without criticism. A recent research team from the University of Sussex compared Jodrell Bank with three other centres of radio astronomy: Cambridge and

two others in Europe. They concluded that Jodrell performed poorly in the years 1969-78.

Lovell counters by arguing that this 10-year period is an unrepresentative "snapshot" and that it is misleading to compare Jodrell and Cambridge, since they are two aspects of the same national radio astronomy programme. Lovell points out that in 1967 he and other top radio astronomers took a policy decision to delay the re-equipping of Jodrell Bank and to build an array of telescopes at Cambridge.

In 1981, when Lovell handed over the directorship of Jodrell to Professor Graham Smith - who had left Jodrell in 1974 to become director of the Royal Greenwich Observatory - he pointed out that the big dish had already exceeded its expected 15-year lifetime by 10 years and was good for at least another 20.

Aside from his technical publications, Lovell has written many popular books communicating his understanding as well as his philosophy of nature. He conveys an exciting and positive image of all aspects of science and unlike many science writers is not swayed by fad or fashion.

He is a complex and diverse person. His keen interest in cricket has recently led to an investigation into electronic aids for umpires. He has demonstrated the art of water divining. Other interests include gardening and literature. He is a musician who particularly enjoys Elgar.

His love of his country was exemplified when he said that being away from England in the spring was "a peculiar form of masochism".

Although retired from the directorship of Jodrell Bank, Lovell still continues his researches and writings in an office built for him in the shadow of the big dish. It is true that his radio astronomy has changed man's conception of the universe. The radio astronomy facilities he built up at Jodrell Bank have played a large role in the widening of horizons. Lovell has called it "the centre of immensities".

David Whitehouse

The author is an astrophysicist at University College London.



As seen by David Levine in 1969

- ALFRED CHARLES BERNARD LOVELL
born August 31, 1913.
1936 Assistant lecturer in physics at Manchester university.
1937 Married Mary Joyce Chesterman.
1939 Development of radar airborne interception system.
1941 December 22: placed in charge of blind bombing.
1945 December: returns to Manchester with surplus radio equipment.
1946 Construction begins of 218ft fixed dish.
1952 Autumn: Construction of Mark 1 telescope begins.
1955 Elected Fellow of Royal Society.
1957 August 2: Mark 1 telescope operational.
1957 October 13: Became first ever professor of radio astronomy.
1960 March 11: Pioneer 5 contacted at 22 million miles.
1961 Knighted.
1969-71 President Royal Astronomical Society.
1970-75 Vice-president International Astronomical Union.
1981 October: Retires as director of Jodrell Bank.

Halpers & Queen

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FINDINGS
A series reporting on research
PUBLIC OPINION

Gone East
It is holiday time for much of the population. Roads are less crowded, commuter trains less packed, restaurant tables are easier to book and generally it seems easier to get about. About 6 per cent of the electorate were away from home on June 9, including 5 per cent who were on holiday and therefore unable to vote at the general election.

According to the 1982 British Tourist Authority's British National Travel Survey, carried out by NOP, 24 per cent of holidays in Britain are taken in August, as are 17 per cent of holidays taken abroad. Two thirds, 66 per cent, of those who went abroad travelled by air, 30 per cent by boat, 3 per cent by Hovercraft and 61 per cent went on package holidays (including cruises). Spain/Majorca was still the most popular destination (26 per cent), with France in second place at 14 per cent, Greece 8 per cent, Italy 6 per cent and United States at 5 per cent; down (along with the ponds) from 7 per cent last year.

Robert Worcester

The author is managing director of Market Opinion and Research International.

Smoking out
The General Household Survey's 1982 results have just been released by the Office of Population, Census and Surveys showing a continuing decline in the consumption of cigarettes. In 1972, 52 per cent of the public were smokers. The figure has declined steadily over the decade and now just more than a third, (38 per cent of men and 33 per cent of women) are regular smokers. A third of men and half of women have never (or only very occasionally) smoked.

There is a striking association between cigarette smoking and social class. Only about one in five of those in the professions now smoke, 29 per cent of employers and managers, around four in ten of skilled manual workers but nearly half of unskilled manual workers smoke, in those least able to afford the expense.

Never on Sunday?
The Home Secretary has announced that the Government is to investigate the Sunday trading regulations. And well they might, for according to the work we carried out for the National Consumer Council last year, 62 per cent of the public said they wanted their MPs to vote for a Bill allowing shops to choose when they open and shut.

CONCISE CROSSWORD (No. 133)

ACROSS
1 Religious sonnet (5)
2 Through digger (7)
3 Torture pleasure (6)
4 Car company (1,1,1)
5 Carved figure (6)
6 Care all (6)
7 Move slowly (6)
8 Study of ideas (8)
9 Foy (6)
10 Venerated (6)
11 Yukon gold area (8)
12 Stern core (4)
13 East (6)
14 Fish and chip shop (6)
15 Mimic (3)
16 Lecture hall (6)
17 Seaman's jacket (6)

DOWN
1 Frequently (5)
2 Through digger (7)
3 Great tuxedo (7)
4 Play chapter (5)
5 Bore hole (5)
6 Beach gravel (7)
7 Unfortunate (7)
8 Short jacket (7)
9 Prisoner (7)
10 Early music symbol (5)
11 Moslem religion (5)
12 Cone-shaped tent (5)

SOLUTION TO No. 132
ACROSS: 1 Sower 4 Honest 7 Beef 8 Aquarium 9 Avarice 12 Van 15 Unsky 16 Fluten 17 Gal 19 Scissor 24 Kuznetsov 25 Peil 26 Savelor 27 Livy
DOWN: 1 Soba 2 Wheatmeal 3 Rizta 4 Honri 5 Nank 6 Scuba 10 Rizta 11 Atlas 12 Water rate 13 Non U 14 Elong 18 Alarm 20 Chair 21 Spell 22 Bilk 23 Day

moreover...
Miles Kington

More lines on parking

The story so far: Seamus Daly, car-hire millionaire and would-be broadcaster, is accused of removing a double yellow line in order to park without charge. He denies the charge stoutly, as who wouldn't. Now read on. You never know it might happen to you.

Counsel: Mr Daly, the court has heard the police witness describe how the whole street was covered in a double yellow line. It has also heard you say that there was a gap in the double yellow line large enough for you to park in. Who do you honestly expect the court to believe, you or the police?

Defendant: Me.
Counsel: Yes, well, fair enough. Still, I think you ought to offer some explanation of this gap in the yellow line, don't you?
Defendant: It strikes me that so far the court has concentrated entirely on the absence of a double yellow line beneath my car, and has assumed that because it wasn't there, it must have been removed.

Judge: What other possible explanation is there?
Defendant: There is another theory that has not even been considered by the court so far, and that is that the yellow line was there all the time - but was not visible!
Counsel: Could you explain that?
Defendant: There is nothing easier than to buy a roll of black sticky tape and to spread it out over the double yellow line in such a way that it entirely covers the paint, and looks like a bit of road, potholes and all.

Counsel: So that's what you did!
Judge: So that's the way it was!
Defendant: Not at all. You merely asked me for another explanation and I have given you one. I neither removed the yellow line nor covered it up. However, there is yet another theory...
Judge: Great stuff! I love theories. It's facts I can't handle.

Defendant: I would like to call a witness.
Judge: Defendants can't call witnesses, not if they're already in the witness stand.
Defendant: We can in Ireland. Call William Carstairs! (After a bit of shuffling, Mr Carstairs sits on to the witness stand with the defendant.) You are William Carstairs, a road-painter?
Carstairs: I was then.
Defendant: When?
Carstairs: In 1980, the year you are going to ask me about, when I painted Sears Roebuck Road and to end with a double yellow line.

Defendant: Could you tell the court how you arrived at your verdict?
Carstairs: I drove there.
Defendant: And where did you leave your car?
Carstairs: In Sears Roebuck Road, of course. It was the only free street for miles.
Defendant: Did you paint yellow lines under your car?
Carstairs: No, I left it till later, so that when I moved the car - oh, blame! You're right! I clean forgot to go back and paint that bit. Stone me!

Defendant: And there, gentlemen of the jury, you have it. The yellow lines were not removed by me because they were never there in the first place. In fact, I myself went back the next day and painted the lines in, chauntantly. Along of all the yellow lines in London, that short stretch is not the property of the Metropolitan Police; it belongs to me.

Judge: If I have got this straight, a man stands here accused of taking something which was never there, and even if it had been there, it would have been his own property. Who says that British justice is not the most wonderful in the world? Case dismissed!
Clerk: My Lord, we have just had a message from the outside world. It's from the BBC, and they say that one of their employees, a Mr Henry Kelly, is not feeling well. They ask if the defendant is free to stand by to replace him...
Defendant: Lord be praised! It's my big break! Hallelujah!

(Readers who like happy endings may be interested to know that the Seamus Daly Show will be one of the BBC's big autumn offerings.)

سكربت من الأصل

CHILDREN'S BOOKS

Brian Alderson hunts the golden hare Selling a million?

Quest for the Golden Hare by Bamber Gascoigne

In August 1979 the artist Kit Williams buried an 18-carat golden toy in a park at Amplehill. A month later Jonathan Cape published his book of largely pictorial clues to its discovery under the title of Masquerade.

for self-delusion.) Moreover, he manages to rib gently both the creators of and the contestants in the craze, so that despite the apparent solidity of his 224-page analysis there is much occasion for quiet comedy.

the Cat by Colin and Jacqui Hawkins (Bell & Hyman, £2.95). At first glance this seems not just to belong to the Cradley School, but also to incorporate familiar didacticism for it is all about a fat cat on a mat plucked by a bat and a rat.

Magical plots

The Genie and Her Bottle By Nina Beachcroft

Well Met by Witchlight; Under the Enchanter; A Visit to Folly Castle; The Wishing People By Nina Beachcroft

When Alex spends the money for her school socks on a stoppered blue bottle in which she thinks she has seen something move, she sets in train a series of comic events which are no less enjoyable for being shaped to a known pattern.

their own lives; but their inexperience at making decisions in the real world translates into a fatal clumsiness at making wishes.

No ravens by order

Mortimer's Cross By Joan Aiken

Cyril Bonhamy and the Great Drain Robbery By Jonathan Gathorne-Hardy

If you ever wondered what difference an illustrator made to the text, you have only to look at the work of Quentin Blake.

peating Taxi, Mortimer's Cross, and Mortimer's Portrait on Glass - and it is an extremely funny book, where everything is pushed to the edge of hysterical farce, yet has a firm foundation in life.

part of the time smelting, very strongly of sewage is one of those things that neither he, nor indeed anyone else, can get absolutely straight.

Philippa Toomey

Real not cardboard

Healer By Peter Dickinson

There is something about spiritism, clairvoyance and astrology that makes them oddly unsatisfactory topics for novels: it is as if they were too slippery, too eccentric, even as backdrops.



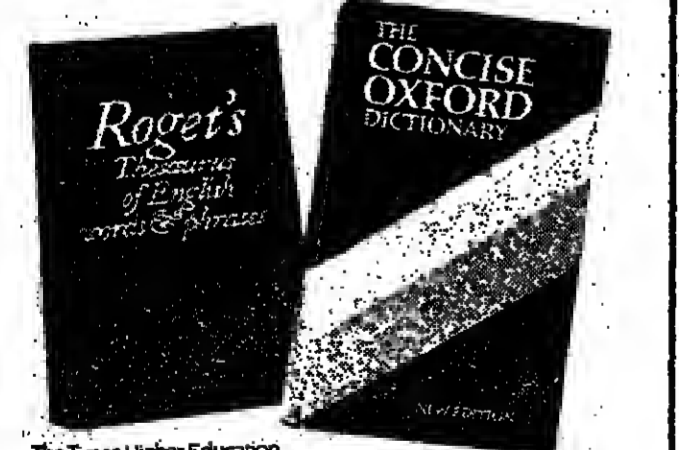
Pictures and play-rhymes for chiro-gymnasts

One of Ian Beck's thirty-ish colour pictures from Round and Round the Garden, a collection of play-rhymes made by Sarah Williams (Oxford University Press, £5.95).

Another reissue worth noting is the paperback edition of Barbara Ireson's Faber Book of Nursery Verse (Faber, £4.25).

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Not so flip

Rosemary Stones

As with his books for adults Healer works Pinkie and Barry are real people, not cardboard figures, with the fears and needs of ordinary children.

Caroline Moorehead

Between stools

Dan Alone By John Rowe Townsend

In Dan Alone John Rowe Townsend returns to the Northern streets, the pub and the derelict hide-away of his first book Gumble's Yard.

Bludgeoned for laughs

Super Gran; Super Gran Rules O.K.!

Super Gran is Magic By Forrest Wilson

The attractive thing about Granny Smith (the 'ordinary' little, old, white-haired lady) who just happened to be sitting in the right place when struck by an amazing energizing ray is that in her 'Super' state - now apparently permanent - she combines many of the characteristics which children find both frightening and irresistible in each other and which tend to embarrass them - again with a touch of fascination - when found in the more non-standard sort of grown-up.

Heather Renshaw

Celtic hinterland

The Dragonfly Years By Mollie Hunter

Is the cult of the teenage novel just an excuse for literary ladies to write up-market Mills & Boon romances? Mollie Hunter's The Dragonfly Years has a vintage of culture about it.

Jennie Ingham

Run, Run as Fast as You Can

By Mary Pope Osborne

Run, Run as Fast as You Can seems for a while to be following the usual pattern of an American teenage novel. Eleven-year-old Hallie wants to be recognised as an adult within her family and wants to find a place for herself among the pretty and popular set of girls in her school class.

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FOYLES ART GALLERY JOAN MASTERS AN EXHIBITION OF FABRIC COLLAGE 10-6 daily until 21 Sep. 113-119 Charing Cross Road London WC2

COURT AND SOCIAL



COURT CIRCULAR

CLARENCE HOUSE August 24: Queen Elizabeth The Queen Mother today visited Orkney, and in the morning visited the Pier Arts Centre at Stromness.

BUCKINGHAM PALACE August 24: The Princess Anne, Mrs Mark Phillips this afternoon opened the Thamesdown Housing Association...

Forthcoming marriages

Mr A. C. Coombs and Miss L. M. Fraday The engagement is announced between the son of Dr G. R. V. Coombs, of Puerto Pollensa, Mallorca, and of Mrs H. M. Coombs, of Wilford, Pewsey, Wiltshire, and Lucinda, daughter of Brigadier Anthony Findlay, of Colfax House, Kinrossie, Perthshire.

Mr R. T. Knight and Miss D. J. Evans The engagement is announced between Richard, younger son of Mr and Mrs T. Knight, of Filton, Bristol, and Delyth, only daughter of Mr and Mrs Goronwy Evans, of Llangadog, Dyfed.



Mrs Alice Angell Everard with the Nobel Peace Prize gold medal awarded to her great-uncle, Sir Norman Angell, the Labour MP and distinguished writer, in 1933. Yesterday she presented the medal on long loan to the Imperial War Museum, London. (Photograph: John Manning).

Move to weed out indifferent colleges and crammers

A new inspection system for the 150 private tutorial colleges and crammers, designed to reassure foreigners and to distinguish the good institutions from the less efficient, is to be launched in the next few weeks.

Archaeology Early Fen settlement discovered

Archaeologists working on the edge of the Fens near Peterborough have discovered one of the earliest settled communities known in the region.

RAF Church of St Clement Danes

The Ministry of Defence announces that a service of thanksgiving will be held at 11.00 am on Sunday, October 23, to mark the 25th anniversary of the re-consecration of St Clement Danes Church, Strand, WC2, as the central church of the Royal Air Force.

Latest appointments

Latest appointments include: Lord Byles to be a member of the board of the Channel Four Television Company from September 1.

Birthdays today

Air Marshal Sir Michael Armitage, 53; Mr Leonard Bernstein, 65; Mr Sean Connery, 53; Mr Frederick Fosyth, 45; Mr Andrew Gardner, 51; Lord McGregor of Durris, 62; Mr Brian Moore, 62; Mr Bryan Mosley, 52; Lieutenant-General Sir Harold Redman, 84; Sir Graham Rowlandson, 75; Sir Thomas Shankland, 78; Dr Paul Steinitz, 74; Mrs M. S. Tynman, 64.

Welsh watering place revived

Glasses were raised in llandrindod Wells, Powys, yesterday when the Welsh town launched a campaign to recapture its Edwardian success as a watering place for health seekers.

Divorce for judge

Mr Justice Mustill, who sits in the Queen's Bench Division of the High Court was granted a decree nisi in an uncontested suit in the London Divorce Court yesterday ending his marriage of 23 years.

Luncheon

HM Government Mr Malcolm Rifkind, Minister of State for Foreign and Commonwealth Affairs, was host yesterday at a luncheon given at 1 Causton Gardens in honour of the Ambassador of the Ivory Coast.

HAWKINS AND TIPSON plc Notice is hereby given of the appointment of Lloyds Bank Plc as Registrar. All documents for registration and correspondence should in future be sent to the address below.



Princess Michael of Kent at her home in Stroud, Gloucestershire, with two 12-week-old brown Burmese kittens, replacements for her pet, Kitty, who was knocked down and killed three weeks ago.

Science report Phenomenon of rising US teenage pregnancy rate

Nearly \$2m (£1.3m) has been granted by the Ford Foundation in the United States for research into projects investigating the soaring level of teenage pregnancies in America.

Science report

There is no other waterlogged causewayed camp than I know of in Britain, Mr Pryor said. It is a unique site, while we hoped to get 25 per cent of it dug this season, we shall be lucky to have completed the excavation of 5 per cent.

Science report

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OBITUARY

MR P. R. C. ELLIOTT Original research into mass communications

Mr P. R. C. Elliott, one of the leading figures in British research into journalism and mass communications in general, died on August 18. He was 40.

SIR NIKOLAUS PEVNER

Professor Peter Lasko writes: Your very full account (August 19) of Sir Nikolaus Pevner's achievements never leaves me somehow, something unsaid.

'Smile' order at carnival

Carnival will be on the streets of Notting Hill, London, again this weekend, with police officers under orders to smile and be cheerful.

Latest wills

Latest estates include (net, before tax paid): Chapman, Mr Anthony Charles, of Badleigh Salterton, Devon, chartered patent agent, £228,375.

Holly Hill EX... Ser... Dan... The m... of cl... New York... Ballet... Sanonietta... Queen Eliz...

حکومت الامم المتحدة

IMI for building products, heat exchange, drainage, pipe, fluid power, special-purpose valves, general engineering, refined and wrought metals. IMI plc, Birmingham, England

Forecasts of a 7 1/2 per cent inflation rate by the end of next year and gloomy prognoses for the economy by the National Institute for Economic and Social Research contributed to the stock market's downward spiral yesterday.

Shareholders fear 1984 ACCOUNT DATES: Dealings began, Aug 15. Dealings end, Sept 2. Contango Day, Sept 5. Settlement Day, Sept 12.

were holding in their support of fixed interest stock. They feel the Government is likely to begin nudging interest rates down again soon to help maintain the tentative economic recovery it claims is taking place.

gave speculators the opportunity to take profits, which eased the shares back 8 1/2p to 175p.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes sections for BRITISH FUNDS and SHORTS.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes sections for MEDIUMS and LONGS.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for COMMONWEALTH AND FOREIGN.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for LOCAL AUTHORITIES.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for DOLLAR STOCKS.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes sections for BANKS AND DISCOUNTS, BREWERIES AND DISTILLERIES.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for COMMERCIAL AND INDUSTRIAL.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for I-N.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for C-E.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for F-H.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for A-B.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for O-S.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for T-Z.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for FINANCIAL TRUSTS.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes sections for INSURANCE, INVESTMENT TRUSTS, Money Market Rates, Other Markets, Dollar Spot Rates, Euro-\$ Deposits, Gold, RUBBER, TEA, MISCELLANEOUS, UNLISTED SECURITIES.

After receiving details last week of any major share sales by its major investors ID & S Rivlin yesterday received news that the opposite had taken place and that both Mike Saggiari and Imperial Pension Fund had halved their interests.

Insurance retreated 5p to 12p with Pearl 5p lower at 70p after its profit figures. Disappointment over Standard Chartered profits knocked the shares back 12p to 462p.

Wayne Lintott

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes sections for SHIPPING and MINES.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for OIL.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for PROPERTY.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for RUBBER.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for TEA.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for MISCELLANEOUS.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for UNLISTED SECURITIES.

Table with columns: High, Low, Company, Price, Change, % Change, Yield, Dividend. Includes section for UNLISTED SECURITIES.

صكنا من الأهل

Investment and Finance

City Editor Anthony Hilton

City Office 200 Gray's Inn Road London WC1X 8EZ Telephone 01-837 1234

STOCK EXCHANGES

FT Index 718.6 down 7.4 FT 100 Index 79.63 down 0.4 FT All Shares 454.52 down 4.55

CURRENCIES

LONDON CLOSE Sterling \$1.5190 down 1 cent Index 85.6 down 0.1 DM 4.01 down 0.0150 Yen 12.0775 down 0.0375

NEW YORK LATEST

Sterling \$1.5220

INTERNATIONAL

ECU20.566400 SDR20.690488

INTEREST RATES

Domestic rates: Bank base rates 9 1/2 Finance houses base rate 10 Discount market loans week fixed 9 1/4

US RATES

Bank prime rate 11.00 Fed funds 9 Treasury long bond 104 5/32

GOLD

London fixed (per ounce): am \$423.75 pm \$424.00 close \$423.50-424.25

TODAY

Interests: Bath and Portland (amended), BBA, Bensons Crisps, Blue Circle Inds., Britoil, BSR, Carpets Int., Greenwith Cable Communications, Highlands and Lowlands, House Property Co. of London, Ice Refrigeration, Neanders, Reliance Assurance, Scottish Agricultural, Scottish Inv. Tst. (third quarter), York-shire Chemicals.

ANNUAL MEETINGS

Delmer Group, Manor Royal, Crawley, W. Sussex (10.00) Electric & General Investment, 26 Finsbury Square, EC2 (12.30)

Changes to accounts pave way for part-privatization

British Nuclear Fuels sell-off in sight, says chairman

By Jonathan Davis, Financial Correspondent

British Nuclear Fuels the state-owned nuclear waste reprocessing and fuel enrichment company, could be a candidate for partial privatization in two years, Mr Con Allday, the chairman, said yesterday.

Most of the orders come from Japan under a controversial but lucrative contract which figured largely in the Windscale public inquiry some years ago. Another \$600m worth of orders are for fuel enrichment.

The balance sheet shows BNFL had £145m of shareholders' funds against debts of £252.7m, deferred liabilities of £327.7m and government grants (treated as credits) of £89.1m.

It is one of the oldest clichés in the Treasury's canon that not too much should be read into 1 month's trade figures. The same applies to a lesser extent to a single quarter.

New talks open on \$90bn Brazil debt

By Peter Wilson-Smith, Banking Correspondent

Brazil's bankers began key talks in New York yesterday aimed at finding a solution to the worsening liquidity problems of the world's biggest debtor.

Members of the advisory group of banks handling Brazil's rescue were expected to discuss its huge cash requirements for the rest of this year and 1984.

London Brick has decided not to renew its bid for the smaller brickmaker, Istock, Johnson, of Leicester, despite clearance from the Monopolies and Mergers Commission last week.

London Brick approached Istock chairman, Mr Paul Hyde-Thomson, at the end of last week with a bid of two shares and at least 15p in cash for every one Istock share.

Dow Jones recovers after slide

New York (AP - Dow Jones)

Stocks recovered again yesterday after slipping back to lower territory. An earlier recovery attempt failed to make much headway.

Unit trust sales beat record

By Louisa Bowrie

Booming stock markets have encouraged investors to put money into unit trusts in a big way with more units sold during the first seven months of this year than during the whole of 1982 - itself a record year.

JBE talks failure worries MP

By Our Financial Staff

The Labour Party's energy spokesman wants the Government to take an interest in the future of John Brown Engineering after the announcement that the proposed £30m sale of the company to Hawker Siddeley has fallen through.

London Brick opts out of Istock bid

By Jeremy Warner

London Brick has decided not to renew its bid for the smaller brickmaker, Istock, Johnson, of Leicester, despite clearance from the Monopolies and Mergers Commission last week.

Norcros bid puts high value on UBM

By Our Financial Staff

Norcros yesterday unfavourably compared UBM's recent profits record with its own in its offer document for the builders' merchant company for which it has made a £64m bid.

Victor of takeover battle starts selling assets

By Philip Robinson

BTR, the engineering conglomerate which won a £660m takeover battle for Thomas Tilling group two months ago, has begun to sell the group's assets.

BTR puts Tilling HQ up for sale

By Philip Robinson

BTR, the engineering conglomerate which won a £660m takeover battle for Thomas Tilling group two months ago, has begun to sell the group's assets.

BPCC may clinch £18m bid today

By Andrew Cornelius

Mr Robert Maxwell, chairman of the British Printing & Communication Corporation, hopes to announce today that he has clinched the £18m takeover of John Waddington, the Monopoly games company.

Crewe House, scene of Liberal Party functions

By Philip Robinson

Liberal Party and society functions in the early 1900s and was occupied by the Department of Propaganda in Enemy Countries during the First World War. After his appointment as British Ambassador in France, the Marquess of Crewe returned to the house until Tilling bought it in 1937.

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City Editor's Comment

Britain's problem of baton-passing

It is one of the oldest clichés in the Treasury's canon that not too much should be read into 1 month's trade figures. The same applies to a lesser extent to a single quarter.

The figures clearly reflect Britain's early start in the European recovery league, spurred by consumer boom at least until the summer. It is far more problematical to conclude that British manufacturers have been slow to respond.

But more recent developments from Washington especially on money supply, suggested that interest rates could go either way. Also, there is undoubtedly a big hangover from the long period of inflation in the current level of real interest rates.

Lessons of oil, Page 17

Investors Notebook, page 16

The Directors have taken all reasonable care to ensure that the facts stated herein are true and accurate in all material respects, and that there are no other material facts the omission of which would make misleading any statement herein, whether of fact or of opinion.

Memcom International Holdings Plc

Offer for Sale of 1,920,000 Ordinary shares of 10p each at 81p per share by AFCOR INVESTMENTS LIMITED

Authorised £1,000,000 in 10,000,000 Ordinary shares of 10p each Issued and to be issued fully paid £465,000

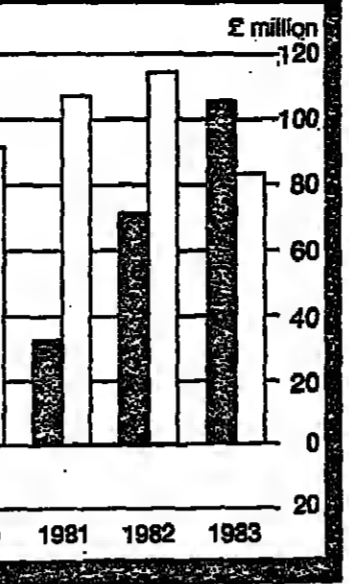
Memcom is now one of the leading companies capable of designing, supplying, implementing and servicing Electronic Filing Systems, a key area in the development of integrated office automation systems.

Floyd seeks £3m of new capital

By Jeremy Warner
Floyd Oil Participations called on shareholders yesterday for just over £3m of new capital by offering a rights issue of new shares at 82p each on the basis of two for every seven.

John Brown's future grows bleaker

If the future looked as if it would be bleak after John Brown's sale of its gas turbine division, it looks noticeably worse now that the proposed sale of the division to Hawker Siddeley has been called off.



At the Prudential, which holds about 9 per cent of the John Brown equity, the word was that there would be little enthusiasm for such a reconstruction at a company where shareholders' funds stand at £33m but where the market capitalisation is a triling £30m.

The Piper and Claymore fields in which it has 20 per cent. At the operating level last year hydrocarbons brought in the overwhelming level bulk of profits. Much, therefore, depends on the success of the expansion into the second business area, American publishing. Trading profit there is running well ahead of last year, but the true position is disguised by the skill with which Thomson employs the accelerated depreciation provisions.

Fewer bad weather claims help Pearl

Fewer claims arising from bad weather in the first quarter helped Pearl Assurance to raise interim net profits from £5.24m to £7.01m. The interim dividend has been raised by 25 per cent to 12p net and the company promises that the final will be at least as much as last year's 18p net.

Hawley earnings surge to £5.1m

The expected jump in half-time profits from Hawley Group, the last of a stream of figures from Mr Michael Ashcroft's companies this week, turned up on cue yesterday. After the rise in profits from £1.7m to £5.1m, the City now expects Hawley to make about £13.5m for the year.

David Crouch figures slide to new low

Half year pretax profits reported yesterday by Derek Crouch, the open cast mining and construction company, fell to a new low of £177,000, compared with last year's first half of £414,000. Profits have been on the slide since 1980 when the group announced full year figures of nearly £3m.

Intl Thomson Organisation

International Thomson Organisation Half-year to 30.6.83 Net profit £26.8m (£16.5m) Stated earnings 19.1p (£11.8p) Turnover £87.0m (£80.2m) Share price 620p

London Brick

The City is not short of people who think London Brick should be doing a lot better than it is. But the half-year profits issued yesterday nevertheless look impressive. At the pretax level they are up 36 per cent

Dividend up as Rotork profit slips

First half profits of the engineers Rotork slipped slightly to £1.57m, but a boosted interim dividend of 1.75p is being recommended to reduce disparity between the interim and arrival payments.

Problem division under control says Blagden

Blagden Industries, the steel drums, plastics and chemicals manufacturing company, yesterday reported a 12.5 per cent increase in pretax profits to £1.2m in the six months to June 26. Mr Ronald Sparrow, chairman, said the group has improved contributions from all its mainstream businesses apart from the electroplating division, where management and quality problems led to losses of £239,000 at the interim stage compared with profits of £1,000 at the same stage last year.

COMMODITIES

Table listing commodity prices for various goods like RUBBER, COPPER, COCOA, etc.

WALL STREET

Table listing stock market data for various companies like AMER, ALCO, etc.

APPOINTMENTS

Guinness Peat Property Services: Sir Robert Lawrence, part-time member of British Railways Board and chairman of British Rail Property Board, has joined the board. Barclays Bank UK: Mr Don Lonsdale, assistant general manager (staff), will be a deputy divisional general manager of the Management Services Department from December 5.

COMPANY NEWS IN BRIEF

Sandvik Half-year to 30.6.83 Pretax profit 24.7 Kr (£2.2) (12.7m Kr) Turnover 309.6m Kr (27m) (£256m Kr) Dura Mill Year to 31.3.83 Pretax profit £3,792 (£3,559) Stated earnings 1.67p (6.97p) Net dividend 0.6p (same) KCA Drilling Half-year to 30.6.83 Pretax profit £3.3m (£3.6m) Stated earnings 2.51p (2.23p) Turnover £19.4m (£21m) Net interim dividend 1.5p

UNDEATABLE PACKAGE! Hartlepool. RATE FREE until 1991. 22% REGIONAL DEVELOPMENT GRANT. ECGS LOANS. 100% CAPITAL ALLOWANCES.

Base Lending Rates. ABN Bank 9 1/2%, Barclays 9 1/2%, BCCI 9 1/2%, Citibank Savings 11 1/2%, Consolidated Crds 9 1/2%, C. Hoare & Co 9 1/2%, Lloyds Bank 9 1/2%, Midland Bank 9 1/2%, Nat Westminster 9 1/2%, TSB 9 1/2%, Williams & Glyn's 9 1/2%

Improved trading and performance reflected in substantial increase in interim dividend

Interim profits up by 36%

Table showing Unaudited Consolidated Results on 6 months to 30 June '83, 6 months to 30 June '82, and year to 31 Dec '82. Columns include Turnover, Operating Profit, Interest Paid, Investment Income, Share of Profits of an Associated Company, Profit Before Taxation, Profit After Taxation and Before Extraordinary Items, Profit Attributable to Stockholders, and Earnings per Ordinary Stock Unit.

Interim profits up by 36%

In the first half of 1983 profit before tax was 36% up on the equivalent period of 1982. Demand for bricks produced by London Brick products is buoyant. Deliveries of Oxford Clay fletton bricks are ten per cent up on last year and the order book is strong. Since May production has been increased and is now running ten per cent ahead of 1982. Impressive results in our non-fletton range have also been achieved with Weald Clay stock bricks produced by the Company's new plant at Clockhouse in Surrey. The refurbished Arley Works designed to make Gault stock bricks has also come on stream.

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Privatization - 3: Jonathan Davis, Financial Correspondent, on problems facing the Government

Why rolling back the state frontiers is so tortuous

Mr Nigel Lawson, the Chancellor and former Energy Minister, has shown that political clout and determination can clear a path through the undergrowth. Yet selling off British Gas's oil assets has been a slow process with the opposition of the board and its chairman, Sir Denis Rooke, right.



take three or even four terms of office before the Government - despite the present stepping up of its privatization - can finally boast of success in its efforts (as it sees them) to bring the nationalized industries to book.

'Even favoured state chiefs resisted some sell-offs'

legal and political obstacles as well as false leads and the occasional decisive intervention of external circumstances.

It they had stuck to their original impulse to abolish BNOC altogether, selling its North Sea assets en bloc to BP,

few now doubt that they would have saved an enormous amount of time and trouble but at the time nobody could foresee the present conditions of oil glut, falling prices and Opec disarray.

In the event, it was not until last year that Mr Lawson was able to get his Oil and Gas (Enterprise) Act on the statute book, opening the way for the sale of Britoil and the British Gas North Sea assets. This was after ministers and officials had wasted months exploring alternative ways of privatizing the corporation, including the idea of a free hand out of BNOC bonds to all taxpayers.

Unravelling then was a 'Promethean task', according to Mr David Howell, Mr Lawson's predecessor as energy secretary, and a man whose indecisiveness is held by many to have contributed to the slow rate of progress.

With British Gas's oil assets, on top of similar legal and contractual problems, the Government has had to contend with the unstinting opposition of the corporation's board

to the sale of either Wytch Farm or the North Sea assets.

Chairman, Sir Denis Rooke has repeatedly denied that the corporation is employing delaying tactics - but it is evident that as an unwilling seller it has not hurried things along.

This is one reason why the Department of Energy has adopted the otherwise unlikely tactic of setting up its own oil company to hold British Gas's North Sea assets. It wants to make sure that it controls the disposal itself rather than risk leaving it to the corporation.

In fact, opposition from state industry chairmen is one of the toughest obstacles the Government claims to have faced in its privatization campaign.

Even favoured chairmen such as Sir Michael Edwards at BL and Sir Robert Atkinson of British Shipbuilders have resisted attempts to sell off their profitable operations in favour of the long-term benefits of preserving integrated corporations - a perfectly understandable tactic that has nevertheless effectively delayed the privatization process.

The Government has retaliated not only by appointing sympathetic state industry chairmen such as Lord King at British Airways to hurry through the privatization process, but also (in the case of Sir Walter Marshall at the CEBG for example) by setting them clear and publicly stated objec-

tives of introducing private capital into their operations. How far this succeeds in clearing the logjam remains to be seen.

The legislative and technical hurdles also remain, especially now that the relatively easy privatization candidates - such as Cable & Wireless which was already operated as a Companies Act company - have, by common consent, mostly been returned to the private sector already.

'Unravelling oil pacts was a Promethean task'

While the Government has powers to dispose of parts of BL, British Shipbuilders, British Steel and Rolls-Royce (and is pushing its British Telecom bill through Parliament again), it has still to find time for bills to privatize its second rank candidates, such as the National Bus Company, the Royal Ordnance Factories and the British Airports Authority.

The more radical long-term aims favoured by some right-wing ideologues such as breaking up the coal board and the

electricity industry are even further away.

According to one closely involved Whitehall official, the average lead time for preparing a corporation for privatization is between two and three years - and that is assuming it does not run into delay caused by general elections or political and technical mishaps.

The need to settle on a suitable capital structure can lead to protracted and bitter argument, as happened over Britoil, for example, while establishing suitable regulatory agencies for telecommunications or gas and electricity can and does keep civil servants occupied for months.

In addition, the Government has to grapple with the market constraints of bringing a succession of large corporations to the stock market. Although the argument about crowding out is complex, it is clear that the British Telecom and British Airways issues will absorb more than half the funds investment institutions can spare for new equity investment over the next three to four years.

After Britoil and Amerasia, ministers are acutely sensitive to the need to get the timing and pricing of issues right, although with the election out of the way this may be something that can afford to treat with greater aplomb.

Despite these constraints, the Government is clearly confident that it will be able to push through an accelerated programme of privatization in the next five years.

Apart from being four years further down the 'learning curve', Mr Lawson's experience with Britoil has shown - notwithstanding the peculiarities of the sprawling state oil asset portfolio - that political clout and determination can clear a path through the undergrowth.

Rightwing advocates of further plentiful doses of privatization continue to complain about the institutional obstacles to radical change, particularly in the Civil Service.

The Institute of Directors, for example, was exercised two years ago by the fact that privatization, while popular with the world at large, being held up by a few key enemies in key places.

They are concentrated not only in the Labour Party and among trade union officials but also at the 'Yes Minister' level of the Civil Service and in the media, where they have an influence out of proportion to their numbers', claimed an internal memo. Even the facts, it seems, conspire.

Financial notebook

Identity crisis of index-linked gilts

A secure, long-term investment is all very well and good for those seeking such protection, but for market operators interested primarily in a quick return the attraction will be rather less. So it is with index-linked gilts. Their performance over the two years since they were launched has prompted the abundant City cynics to suggest that the absence of a bull market to date means the absence of one in the future. Index-linking is dismissed as a failure.

Leaving aside for the moment the long-term argument, it must be true that a market which has not generated significant profits for traders is also likely to be a market which has won few friends among genuine investors. Last year, of course, was an annus mirabilis in the conventional gilt market, when the index-linked gilts have brought long dated issues at the beginning of the year made a 50 per cent profit.

Index-linked gilts, by contrast, have languished since Sir Geoffrey Howe extended their favours to the populace at large in his 1982 Budget. The falling interest rates and declining inflation which enthused the conventional market were had for stocks whose raison d'être was protection against inflationary ravages. It has not been, therefore, the fault of index-linking as such that profits in that market have been scarce.

But it does not follow that profits will always be hard to make in the index-linked market. Attention is frequently directed towards nominal interest rates, but that begs the question of how the market sees index-linked stock. Should an index-linked security be regarded as a taxed interest stock, or should it be compared with other investments which are supposed to retain their real capital-value (property and gold are cited, somewhat ambiguously)?

Obviously, index-linked gilts have qualities which set them apart from conventional government stock. Not only is the real value of the capital guaranteed, but the interest rate is real to the extent that it is tied to the inflation-adjusted capital value of the bond. What matters, however, is the implication that a real gilt return should be compared

with real interest rates, expressed as the long term nominal interest rate minus anticipated inflation. Such rates, it can be argued, reflect the course of the real economy, whereas the nominal interest rates which set conventional gilt prices are chiefly at the moment a response to monetary phenomena. On the evidence of the past few months real long term interest rates are drifting upwards. The circle is completed by the almost obsessive concern demonstrated by markets round the world for the state of the American money supply and Federal budget. A rise in nominal interest rates was expected for months and that superficially would be bad for all fixed interest securities. But what is important for index-linked securities is the relationship between the real interest rates and the redemption yield offered by the stock.

On the assumption of inflation running at 7 per cent redemption yields on the nine index-linked stocks in issue range from around 4 per cent for the 2 per cent I.L. 1988 to 5 per cent for the 2 1/2 per cent I.L. 2016 yields on stocks due for redemption at the turn of the century are around £3.25. All other things being equal, the price of index-linked stock should start to go up when real long term interest rates fall towards these yields.

The catch, however, is that real rates may be declining because nominal rates are rising. In such cases conventional gilt prices could rise with index-linked prices.

But there are two major differences: nominal rates and real rates will not move with equal speed if they are not responding to the same impulses; and index-linked gilts have shown themselves in their brief history to be much more volatile.

A half market in index-linked stocks is, therefore, possible, but the complexities are such that the genuine long term investor might do well to sit tight. Index-linked gilts are certainly gilt-edged in the sense that the capital is guaranteed by the Government, but in other respects they behave rather differently.

Michael Prest

Table with multiple columns containing financial data, including Authorized Units & Insurance Funds, and various stock market listings.

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are in London TODAY

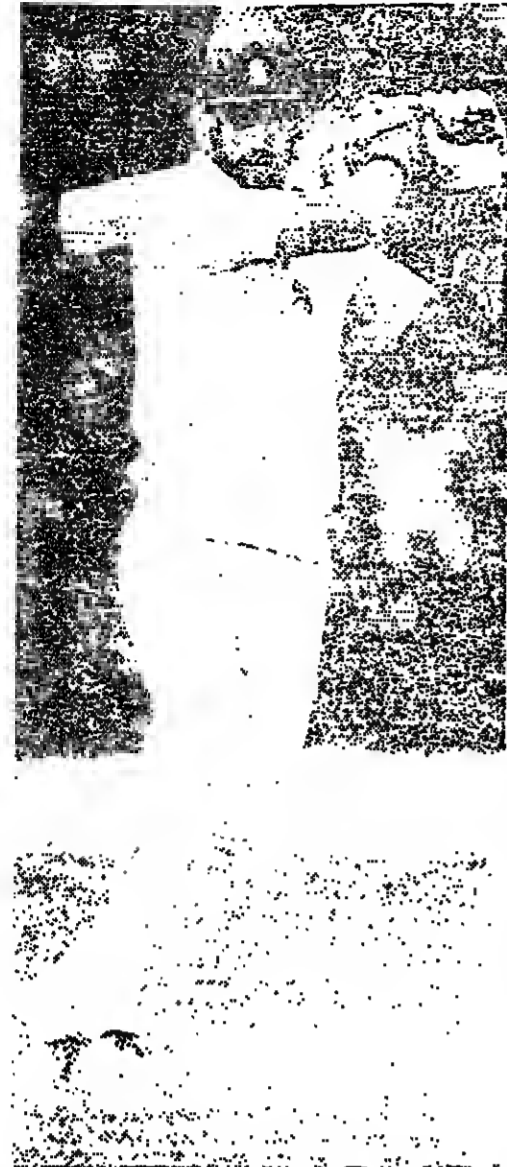
Cricket: Essex gain momentum while Middlesex again flag

Gooch and McEvoy in no mood to waste fine work of Essex bowlers

By Peter Ball COLCHESTER: Essex with six first innings wickets in hand, lead Worcestershire by 180 runs.

Essex's charge at the top of the county championship continues to gain momentum.

Even the main characters were the same. Phillip took six wickets as he and Lever bowled unchanged to skittle Worcestershire for 34.



By the left: the right-handed Gooch who hit his second 100 of the season.



By the right: the left-handed Barlow who hit his fourth 100 of the season.

Payne takes the pleasure out of the balm from Barlow's bat

By Marcus Williams University secretary, playing his second championship match as deputy for the injured Slack, Miller looked a well-organized batsman in an opening stand of 91 before being judiciously chopping a straight ball from Neesham on the off-stump in the forty-second over.

Clift puts an end to fretting

By Richard Streeton Fakenham, Kent, with seven first innings wickets in hand, are 93 holes ahead.

Getting a shock on reaching the ground

By Alan Gibson BOURNEOUTH: Hampshire, with three wickets in hand, are 123 runs ahead of Somerset.

No stopping Kallicharran

By Peter Marson Edgbaston: Warwickshire have scored 206 for four against Sussex.

Warwickshire's continuing interest in the upper echelons of the county championship coincides with the continuing success of Alvin Kallicharran.

Yorkshire rally led by Sharp

By Peter Marson SCARBOROUGH: Yorkshire scored 333 in their first innings against Gloucestershire.

England's short measure

From Sydney Friskin Amsterdam England have never lost to France in 34 meetings, they have achieved 30 victories, although a cloud hangs over the 1920 fixture to Antwerp.

Miller's grasp loosened by Simmons' century

BLACKPOOL: Derbyshire, all wickets standing, are 309 runs behind Lancashire.

Larkins hits out

NORTHAMPTON: Glamorgan, with nine 150 runs behind Northamptonshire.

Attack is Swansea's best defence

By Nicholas Harting Swansea City... FC Magdeburg...

Australian lead under threat

FENNERS: National Association of Young Cricketers, with seven first innings wickets in hand, are 21 runs behind Australia Young Cricketers.

Today's fixtures

Fourth Test match (11.0 to 5.0) Trent Bridge: England v New Zealand County Championships (11.0 to 8.30) Gloucestershire v Somerset

SWIMMING

Dull and dismal day despite breaking two British records

Events on the third day of the European championships in Rome took place under a completely overcast sky with intermittent thunderstorms, a dull but entirely suitable setting for what proved to be a dismal day for Britain.

GOLF

Miss Reid remarkable girl with eye on US

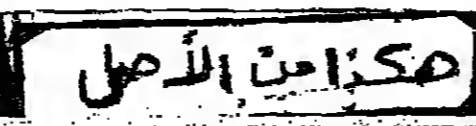
By John Hennessy GOLF Commentator Dalc Reid, of Scotland, produced another fine round over the Lyley Brook course, Cheltenham, yesterday to win the Cotswold women's professional tournament by the two strokes she had stolen over the field on Tuesday.

HOCKEY

ENGLAND'S SHORT MEASURE From Sydney Friskin Amsterdam England have never lost to France in 34 meetings, they have achieved 30 victories, although a cloud hangs over the 1920 fixture to Antwerp.

Football

Swansea City... FC Magdeburg... Glasgow rivals in talks... Swansea City... FC Magdeburg...



Uncertainty over teams for final Test match
England looking anxiously to Cowans and Thomas

There is even more uncertainty than usual about the final composition of the teams for the fourth and final Croudeil Test match, which starts at Trent Bridge this morning...
They did so last year, also in the last Test of the season - against Pakistan at Headingley - and it came off. On that occasion, their attack comprised Willis, Botham, Jackman, Marks and Canning. Today, if they follow the same pattern, it would be Willis, Botham, Cook, Gatting and either Cowans or Thomas. If to make Thomas one of only four specialist bowlers seems too chancy, he would at least pitch the ball up, which is more than can be expected of Cowans.

First flat winner for Neil Kernick

Despite the fact that only two of the six 'Joy's' (favoured to be the best) were in the final, Kernick bought the gelding for only 350 guineas at Ascot in October. He congratulated himself on a pretty shrewd purchase...
Neil Kernick, the former National Hunt jockey, yesterday acquired a second win in the Be Hopeful Memorial Handicap when he trained on the gelding's return to racing in the Be Hopeful Memorial Handicap...
Kernick discovered that he had acquired a horse of great potential and he was determined to allow his trainer all the time in the world to coax the unruly individual into a more cooperative frame of mind...
Kernick's other winner, Barnum, was amazingly the first success at Bath for his owner Lord Howard de Walden, a former Steward of the Jockey Club. Lord Howard now has only three courses left to win at - Liverpool, Carlisle and Chester.



Mercer: powerful riding
Fing, Cor Anglia certainly looked fit to uphold the established reputation with a strong finishing fourth to Aubria at Sandown on her debut.

Beverly

- Draw advantage: High numbers best.
2.15 AUGUST STAKES (2-Y-O selling: £755: 7f) (12 runners)
1.0108 PANDORA (M) (Clive) 11-11-81 O Gray 4
2.0109 CHERRY SEASON (F) (Clive) 11-11-81 J Field 8
3.0110 STACIA (M) (Clive) 11-11-81 J Field 8
4.0111 STACIA (M) (Clive) 11-11-81 J Field 8

Bath results

- 2.0 HOLIDAY STAKES (selling: £350: 1m) (9 runners)
1.0112 BAY OF BIRNIE (F) (Clive) 11-11-81 O Gray 4
2.0113 BAY OF BIRNIE (F) (Clive) 11-11-81 O Gray 4
3.0114 BAY OF BIRNIE (F) (Clive) 11-11-81 O Gray 4

Brighton

- 1.30 SEAGULLS STAKES (2-Y-O maidens: £2,076: 6f) (13 runners)
1.0201 SALSIFY (M) (Clive) 11-11-81 O Gray 4
2.0202 SALSIFY (M) (Clive) 11-11-81 O Gray 4
3.0203 SALSIFY (M) (Clive) 11-11-81 O Gray 4

SATURDAY MARKET HANDICAP

- 1.0301 SALSIFY (M) (Clive) 11-11-81 O Gray 4
2.0302 SALSIFY (M) (Clive) 11-11-81 O Gray 4
3.0303 SALSIFY (M) (Clive) 11-11-81 O Gray 4

BRITISH HANDICAP

- 1.0401 SALSIFY (M) (Clive) 11-11-81 O Gray 4
2.0402 SALSIFY (M) (Clive) 11-11-81 O Gray 4
3.0403 SALSIFY (M) (Clive) 11-11-81 O Gray 4

GEORGE ROBEY HANDICAP

- 1.0501 SALSIFY (M) (Clive) 11-11-81 O Gray 4
2.0502 SALSIFY (M) (Clive) 11-11-81 O Gray 4
3.0503 SALSIFY (M) (Clive) 11-11-81 O Gray 4

David Thomas, Surrey all rounder, has his big chance.

The man to stiffen England's lower order

David Thomas, the Surrey all rounder, packed his bag yesterday to join the England Test team at Trent Bridge for the fourth Test against New Zealand. It is not certain this week he scored a century and took six wickets against Sussex...
Thomas, aged 24, came to the fore last season after Clive Lloyd and Imran Khan, two international captains, had described him as the best young fast bowler in England...
"To be honest," admitted Thomas, "I would have been very happy to make the tour. It was flattering to be mentioned as a candidate but it was mainly due to the NatWest final coming at the right time."
This season Thomas has made tremendous strides as batsman, scoring his maiden first run (100 and another over 800 runs, with an average of 36. After a spell in mid-season when he lost his rhythm he has regained his form, this time taking nearly fifty wickets. He can now be regarded as a genuine all-rounder who would certainly stiffen England's suspect lower order.



Thomas: ball of fire
praying for fine weather at Nottingham. The one aspect of professional cricket that he is enjoying is the writing around in dressing rooms.

Beverly selections

- 2.15 Champagne Mandy. 2.45 Coonort Pink. 3.15 Clarifier. 3.45 Royal Question. 4.15 Seftin. 4.45 Fine Ridge.

Devon NH

- 2.30 SMOULDER HURDLE (Novice) (selling: £257: 7f) (7 runners)
1.0601 SMOULDER (M) (Clive) 11-11-81 O Gray 4
2.0602 SMOULDER (M) (Clive) 11-11-81 O Gray 4
3.0603 SMOULDER (M) (Clive) 11-11-81 O Gray 4

ATHLETICS

Will Cram v Overtt be a repeat of Coe v Overtt?

It will detract from the stature of both Steve Cram the world 1,500 metres champion and Peter Elliott the promising world records, if - like Coe and Overtt in the previous three years - they somehow do not manage to get on the track together...
Cram had the final say with 3min 47.33sec, a time which still stands. A week ago these were strong suggestions from Cram, Overtt and Norman, as well as an independent panellist, that Cram would be in the same race as Overtt.

CYCLING

Kopylov's star shines

In three appearances on the Oceania velodrome at Scraper, Kopylov, of the Soviet Union, has made himself the star of the world track championships. The first brought him victory in the one kilometre time trial on Tuesday and two sides yesterday set him on his way to a second world medal...
This ebullient sprinter from Georgia, with a mane of black hair, was far more impressive than his old rival, the Olympic champion, Lutz Hesselich, of East Germany...
He said the Americans, who included John Valentin, the Dutch-born designer of the top-rated American 12-metre Liberty, had also gone to the Dutch National Aerobics Club laboratory in Dordrecht. The newspaper said they confronted one of the laboratory's chief designers, Dr Robert Sloos, with the same sort of allegations.

'Americans tried to force confession'

Sydney (AP) - A three-man investigative team from the New York Yacht Club tried to bring political pressure on Dutch engineers to force a confession that they had designed the controversial America's Cup yacht Australia II, The Age newspaper reported here...
Bruce Stanand, the newspaper's correspondent at Newport, Rhode Island, where the American's Cup eliminations were under way, said Dr Peter van Oossanen, naval architect in charge of the ship model basin in Wageningen, had told him the American group had tried to extract a confession about the design of Dutch yachtsman Ben Lexcen.

FOR THE RECORD

- SCOTTISH LEAGUE: Dornie, West.
1.0801 DORNIE (M) (Clive) 11-11-81 O Gray 4
2.0802 DORNIE (M) (Clive) 11-11-81 O Gray 4
3.0803 DORNIE (M) (Clive) 11-11-81 O Gray 4

Brighton selections

- 2.15 TOLL GAVEL HANDICAP (selling: £725: 1m)
1.0701 TOLL GAVEL (M) (Clive) 11-11-81 O Gray 4
2.0702 TOLL GAVEL (M) (Clive) 11-11-81 O Gray 4
3.0703 TOLL GAVEL (M) (Clive) 11-11-81 O Gray 4

YACHTING

AMERICAN LEAGUE: Toronto Blue Jays.
1.0901 BLUE JAYS (M) (Clive) 11-11-81 O Gray 4
2.0902 BLUE JAYS (M) (Clive) 11-11-81 O Gray 4
3.0903 BLUE JAYS (M) (Clive) 11-11-81 O Gray 4

3.0 BRIGHTON STAKES (2-Y-O: £1,855: 7f) (7)

- 1.0801 SALSIFY (M) (Clive) 11-11-81 O Gray 4
2.0802 SALSIFY (M) (Clive) 11-11-81 O Gray 4
3.0803 SALSIFY (M) (Clive) 11-11-81 O Gray 4

3.30 NEVAHAW HANDICAP (3-Y-O selling: £1,023: 1m) (8)

- 1.0901 SALSIFY (M) (Clive) 11-11-81 O Gray 4
2.0902 SALSIFY (M) (Clive) 11-11-81 O Gray 4
3.0903 SALSIFY (M) (Clive) 11-11-81 O Gray 4

4.0 ROTTINGDEAN HANDICAP (£1,710: 1m 4f) (10)

- 1.1001 SALSIFY (M) (Clive) 11-11-81 O Gray 4
2.1002 SALSIFY (M) (Clive) 11-11-81 O Gray 4
3.1003 SALSIFY (M) (Clive) 11-11-81 O Gray 4

4.30 LANCING STAKES (3-Y-O maidens: £1,245: 1m 2f) (5)

- 1.1101 SALSIFY (M) (Clive) 11-11-81 O Gray 4
2.1102 SALSIFY (M) (Clive) 11-11-81 O Gray 4
3.1103 SALSIFY (M) (Clive) 11-11-81 O Gray 4

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HORIZONS

The Times guide to career development

How to run your own show - buy out the boss

Starting your own business has been in vogue for the last few years. The idea is fine in theory, but putting it into practice is exceptionally demanding...

Corinne Julius on one way of becoming your own employer

financial and sales directors and often the production manager. There are normally two or three prime movers, with perhaps the backing of up to six other colleagues...

well as working out ways to make the deal attractive to the vendor, your banker should help you to negotiate on matters that will affect the long-term future of the company...

The pressure is on

greater satisfaction, but it also means greater worry and tension about the results of your decisions. Your new role can also affect working relationships...

Lurking skeletons

existing manager will usually have a good idea of whether there are any skeletons lurking in the cupboard. If the project seems viable your backers are likely to continue...

Ripe to buy

There are generally three types of company susceptible to a buy-out. Firstly there is the family company, run by a group of professional managers...

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Today's television and radio programmes

Edited by Peter Davalle

هكذا من الاصل

BBC 1

- 6.00 Breakfast News digest, sport, weather and traffic reports... 6.30 Breakfast Time with Nick Ross and Frank Bough... 8.00 The New Schmoor cartoon...

TV-am

- 6.25 Good Morning Britain with Anne Diamond and Nick Owen... 8.25 Guess Who at 8.05: Today's TV...

ITV/LONDON

- 9.25 Thames news headlines... 10.00 News: 1.30 Thames area news... 10.45 The Fourth Test: First day's play at Trent Bridge...

MACREADYII



Frank Barrie who stars in Macready II Channel 4, 10.30pm

CHOICE

use as a yardstick to measure how far the erosion of freedom, privacy and truth has gone since the book was written 35 years ago...

CHOICE

Coward's BRIEF ENCOUNTER (Radio 4, 3.00pm) is now beginning to look like something from Never-Never Land...

TONIGHT'S PROM

- 7.30 Beethoven: Overture, Laocoön No 2, And Vello Concerto in D major... 8.30 Tippett: Symphony No 2...

Radio 2

- 8.00 News... 8.05 The Week's Composer: Frank Piano Quintet No 2, Op 115...

Radio 1

- News on the hour every hour (except 8.00pm and 8.01am)... 12.00 Midnight Close.

WORLD SERVICE

- 8.00 News... 8.05 News: 8.20 News: 8.25 News: 8.30 News...

BBC 2

- 6.05 Open University (until 8.10) Klein's Unification of Geometry... 10.30 Play School: The Partners by John Darman...

CHANNEL 4

- 6.30 Car 54, Where Are You? Comedy series about two cynical American police patrol officers... 8.00 Bewitched: Darrin's boss tells Darrin that he prefers the werewolf...

BBC 2

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Radio 4

- 6.00 News Briefing... 6.05 Shipping Forecast... 6.10 News: The Archers... 6.15 News: The Archers...

Radio 3

- 6.55 Weather... 7.00 Morning Concert: Part 1: Herbert Ross: The Partners by John Darman...

REGIONAL TELEVISION VARIATIONS

- GRAMPAIN As London except: 10.25 Matt and Jenny on the Willingdale... 10.50 Tarzan... 11.00 Cartoon... 11.05 News...

ENTERTAINMENTS

CC Most must read accounts for telephone bills... OPERA & BALLET... ROYAL OPERA HOUSE COVENT GARDEN...

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